



Terminal blocks



C - ADO System®

Summary

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C

ADO SYSTEM® TERMINAL BLOCKS

TECHNICAL SPECIFICATIONS



Labelling

Blocks can be identified using **pre-printed or made-to-measure markers**, in the form of tapes, which can be put into place both easily and rapidly.

Marking ink resists **chemical** (solvents, corrosives) and **mechanical** (abrasion, friction) attack.

Terminal bars

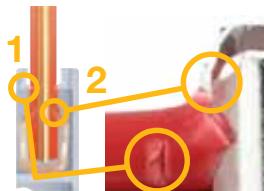
The **copper alloy** terminal bar provides **maximum mechanical resistance** and **high electrical conductivity**.

The ADO System®

As connections are self-stripping, the **conductor requires no prior preparation**.

- Corrosion proof:

All contact materials are in copper (grip + conductor core).



- Vibration proof: double holding system, (insulator body (1) + grip (2)).

- Total reliability: a highly resilient grip (that always works within its limits of resilience).

Contrary to terminal blocks that use other types of IDC connections, ADO System® blocks provide **total security** when used with the **special connecting tool**. The quality of all connections is constant and does not depend on variations in operator performance.

Insulating material

Insulating material is in polyamide and contains no asbestos, cadmium, phosphor or halogen elements.

Manufactured to the **highest standards** (thermal resistance from -40 to +110°C) and with their **self-extinguishing** capacities they **comply with European directives**.

Also available in a wide variety of colours.

Multi-function channels

With the **central multifunction channel test plugs, jumper bars** (screwed or screw-less), alternated jumper bars and labelling systems, etc. can be put in place.



The Choice

Today ABB offers the most **complete range on the market**.

- The widest range (over 250 references).
- The widest range of connection sizes (0.22 to 4mm²).
- The largest number of compatible conductors (>400).

ADO System® terminal blocks are also available in a **mixed ADO System® and screw-clamp version**, offering the choice between all the advantages of the ADO System® connection and use with standard screw connections.



Locking pin

- Simple and rapid to use for locking up to ten blocks in position at a time (1).
- Improved storage (2).
- Does not prevent individual blocks from being removed (3).
- Eliminates any risk of mistake during assembly.

1

2

3



ADO System® CONNECTION TECHNOLOGY

ADO System® technology combines rapid connection with total safety. It is particularly recommended for use in the most difficult environments

The Principle

A non-prepared conductor is pushed into the grip using a special tool.

The 2 cone-shaped guides ensure that the conductor is perfectly centred and that the insulating sheath is cut with 2 notches for exposing the conductor's copper core.

Pushed in by the tool, the conductor moves forward between the 2 parallel guides that make the electrical contact.



Safety / Reliability

With the ADO System® tool all connections are first-class and are not subject to variations in operator performance.

The insulation displacement technique eliminates all risks related to preparing conductors and helps to make connections liquid tight as only the surface needed for the connection is stripped.

All contact materials are in copper (grip + conductor core) so the ADO System® is highly corrosion resistant.



Particularities

With the ADO System® connection two conductors of the same type and gauge can be connected.

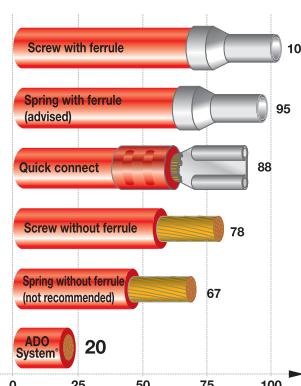
The connecting tool is available in the following versions:

- **Semi-automatic (1)** (designed for use in workshops and suitable for use in electrical cabinets).
- **Pneumatic (2)** (designed for production cabling and recommended for use on workbenches.)
- **Hand (3)** (suitable for maintenance and repair work).



It also resists extremely well to vibration. The C-shaped grip always works within its limits of resilience.

Therefore, **contact pressure remains constant**, no matter whether one or two conductors are inserted.



Rapidity

ADO System® offers high-speed wire connection (the fastest on the market).

No preparation is required for conductors.

The tool cannot be removed from the terminal block until the operation has been completed correctly. Unlike traditional insulation displacement systems, the ADO System® special tool provides total safety.

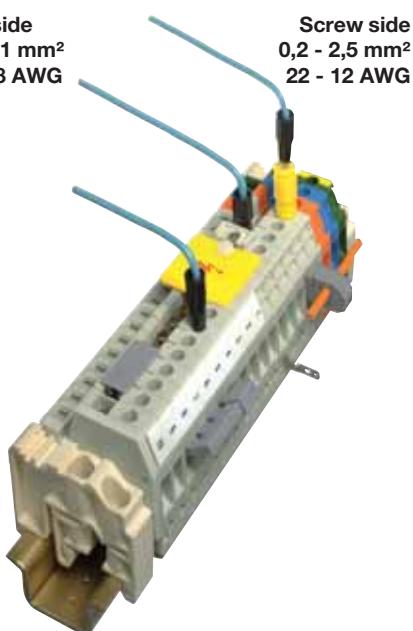
Terminal blocks

Insulation displacement

ADO - Screw clamp

DIN3

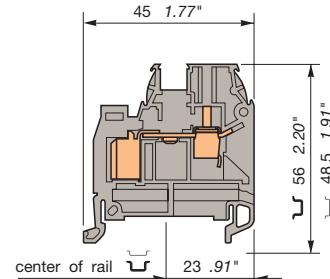
ADO side
0,22 - 1 mm²
24 - 18 AWG



Screw side
0,2 - 2,5 mm²
22 - 12 AWG

D 2,5/5.ADO

Spacing 5 mm +0,05 .198"



Standard 5 mm block



Accessories



1 End section

grey



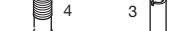
2 Circuit separator

grey



3 Test socket

yellow



4 Test device

blue



5 Test plug

black



7 Assembled jumper bar
(with IP20 protection)



8 Jumper bar not assembled
Post + screw + washer

Type

Part number

FEDAD1

th. 3 mm

1SNA 199 336 R2000

FEDAD1

th. 3 mm

1SNA 199 338 R0200

FEDAD1

th. 3 mm

1SNA 199 339 R0300

SCAD5

1SNA 199 551 R2000

AL2 (1)

DIA. 2 mm

1SNA 163 046 R2400

DCB

blue

1SNA 105 028 R2100

FC2

DIA. 2 mm

1SNA 007 865 R2600

BJMI5 (1)

24 A

2 poles 1SNA 176 278 R1600

BJMI5 (1)

24 A

3 poles 1SNA 176 279 R1700

BJMI5 (1)

24 A

4 poles 1SNA 176 280 R0500

BJMI5 (1)

24 A

5 poles 1SNA 176 281 R2200

BJMI5 (1)

24 A

10 poles 1SNA 176 282 R2300

BJS5 (1)

24 A

20 poles 1SNA 177 652 R0600

EV5

1SNA 168 629 R1600



11 Screwless jumper bar
to be inserted into ADO jaw
orange IP20

BJADO5.2

13,5 A

2 poles 1SNA 205 955 R0300

BJADO5.3

13,5 A

3 poles 1SNA 205 956 R0400

BJADO5.4

13,5 A

4 poles 1SNA 205 957 R0500

BJADO5.5

13,5 A

5 poles 1SNA 205 958 R1600

BJADO5.10

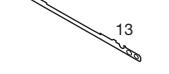
13,5 A

10 poles 1SNA 205 963 R0300

BJADO5.20

13,5 A

20 poles 1SNA 205 973 R0500



12 Comb-type jumper label

PC5

30 A

2 poles 1SNA 113 542 R1000

PC5

30 A

10 poles 1SNA 113 544 R1200

EIP

1SNA 113 550 R2400



13 Isolating cover

CBM5

th. 0,5 mm

1SNA 178 745 R1400

CBM8

th. 0,8 mm

1SNA 178 746 R1500

OUMAD

1SNA 179 466 R0600

OUPAD

1SNA 178 944 R0400

OUTAD

1SNA 205 710 R1100

OUTA

1SNA 205 284 R0300

EXAD2

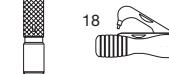
1SNA 205 721 R0000

CEADO.5

1SNA 399 345 R1100

CEAOE

1SNA 399 341 R1500



14

Hand tool kit



15 Semi-automatic tool



16 Pneumatic tool kit



17 Replacement head kit



18 Extraction tool kit



19 Test connector

R See section on markers

marking method

RC 55

RC 510

RTM7

(1) SC and 500 V (IEC) rated voltage are required with these accessories.

Terminal blocks

Insulation displacement

ADO - Screw clamp

DIN3

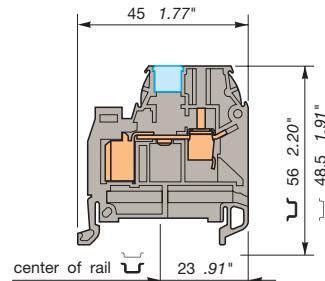
ADO side
0.22 - 1 mm²
24 - 18 AWG



Screw side
0.2 - 2,5 mm²
22 - 12 AWG

**D 2,5/5.ADO.1**

Spacing 5 mm +0,05 .198"



D2,5/5.ADO with partition

Color Type Part number

Grey **D 2,5/5.ADO.1** 1SNA 199 562 R2300**Accessories**

Type	Part number
1 End section	grey blue yellow
2 Test socket	FEDAD1 th. 3 mm 1SNA 199 336 R2000
3 Test device	FEDAD1 th. 3 mm 1SNA 199 338 R0200
4 Test plug	FEDAD1 th. 3 mm 1SNA 199 339 R0300
5	AL2 DIA. 2 mm 1SNA 163 046 R2400
6	DCB blue 1SNA 105 028 R2100
7	FC2 DIA. 2 mm 1SNA 007 865 R2600
6 Assembled jumper bar (with IP20 protection)	BJMI5 (2) 24 A 2 poles 1SNA 176 278 R1600 BJMI5 (2) 24 A 3 poles 1SNA 176 279 R1700 BJMI5 (2) 24 A 4 poles 1SNA 176 280 R0500 BJMI5 (2) 24 A 5 poles 1SNA 176 281 R2200 BJMI5 (2) 24 A 10 poles 1SNA 176 282 R2300
7 Jumper bar not assembled Post + screw + washer	BJS5 (2) 24 A 20 poles 1SNA 177 652 R0600 EV5 (2) 1SNA 168 629 R1600
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.2 13,5 A 2 poles 1SNA 205 955 R0300 BJADO5.3 13,5 A 3 poles 1SNA 205 956 R0400 BJADO5.4 13,5 A 4 poles 1SNA 205 957 R0500 BJADO5.5 13,5 A 5 poles 1SNA 205 958 R1600 BJADO5.10 13,5 A 10 poles 1SNA 205 963 R0300 BJADO5.20 13,5 A 20 poles 1SNA 205 973 R0500
11 Comb-type jumper bar	PC5 30 A 2 poles 1SNA 113 542 R1000 PC5 30 A 10 poles 1SNA 113 544 R1200 EIP 1SNA 113 550 R2400
12 Isolating cover	CBM5 th. 0,5 mm 1SNA 178 745 R1400 CBM8 th. 0,8 mm 1SNA 178 746 R1500
13 Hand tool kit	OUMAD 1SNA 179 466 R0600
14 Semi-automatic tool	OUPAD 1SNA 178 944 R0400
15 Pneumatic tool kit	OUTAD 1SNA 205 710 R1100
16 Replacement head kit	OUTA 1SNA 205 284 R0300
17 Extraction tool kit	EXAD2 1SNA 205 721 R0000
18 Test connector	CEADO.5 1SNA 399 345 R1100 CEADOE 1SNA 399 341 R1500
15	R See section on markers marking method
16	RC55 RC510 RTM7

(2) Use of these accessories requires the user to cut out the partition.

Terminal blocks

Insulation Displacement

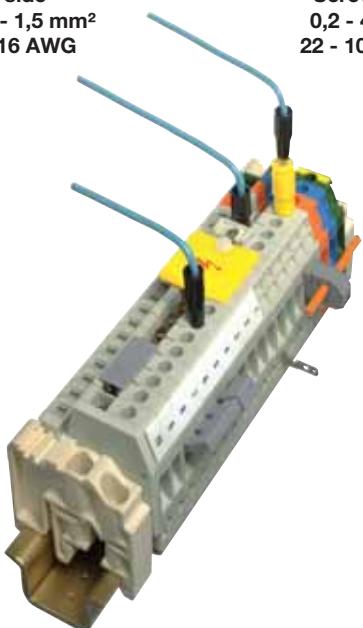
ADO - Screw clamp

✓ DIN3



ADO side
0,34 - 1,5 mm²
22 - 16 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG



refer to the section "Special Applications" for part numbers and characteristics.

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw Rigid	0,2-4 mm ²	22-10 AWG	22-10 AWG
Flexible	0,22-4 mm ²	22-10 AWG	22-10 AWG
ADO Rigid	0,34-1,5 mm ²	22-16 AWG	22-16 AWG
Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	1000 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	17,5 A	18 A	18 A
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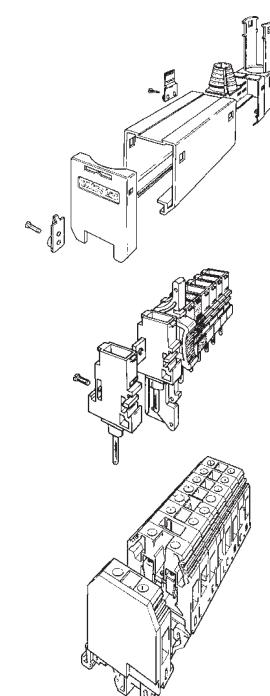
Wire size

Rated	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

Notes

Standard block 6 mm. For multiple wire connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

Colour	Type	Part numbers
Standard blocks		
Grey	D 4/6.ADO	1SNA 199 034 R1500
Orange	D 4/6.ADO	1SNA 199 035 R1600
Blue	D 4/6.N.ADO	1SNA 199 036 R1700
Black	D 4/6.ADO	1SNA 199 071 R2200
Red	D 4/6.ADO	1SNA 199 069 R0000
Ivory	D 4/6.ADO	1SNA 199 070 R0500
Yellow	D 4/6.ADO	1SNA 199 039 R2200
Green	D 4/6.ADO	1SNA 199 040 R0700
Standard 6 mm block		
Accessories	Type	Part numbers
1 End section	grey blue yellow grey	FEDAD1 FEDAD1 FEDAD1 SCAD
2 Separator		AL2 (1) AL3 (1)
3 Test socket		DCJ FC2
4 Test device		FC4
5 Test plug		
7 Assembled jumper bar (with IP20 protection)	32 A 32 A 32 A 32 A 32 A BJMI6 BJMI6 BJMI6 BJMI6 BJMI6	2 poles 3 poles 4 poles 5 poles 10 poles 1SNA 176 663 R0000 1SNA 176 664 R0100 1SNA 176 665 R0200 1SNA 176 666 R0300 1SNA 176 667 R0400
8 Jumper bar not assembled Post + washer + captive screw IP20	32 A EV6I	20 poles 1SNA 174 784 R2000 1SNA 206 394 R0200
11 Screwless jumper bar to be inserted into ADO jaw orange IP20	17,5 A 17,5 A 17,5 A 17,5 A 17,5 A BJADO6.2 BJADO6.3 BJADO6.4 BJADO6.5 BJADO6.10 BJADO6.20	2 poles 3 poles 4 poles 5 poles 10 poles 20 poles 1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100
12 Pivoting jumper bar	35 A 32 A	BJP6 BJA6
13 Jumper bar for alternated jumping	50 A spa. 6 <-> spa. 16	BJDP1 (2)
14 Universal jumper bar	70 A spa. 6 <-> spa. 12	BJDP3 (2) BJDP4 (2)
15 Connector plate	spa. 6 <-> spa. 8 or 10	EL6 BJDP4 (2)
16 Comb type jumper bar	35 A 35 A 35 A 35 A 35 A PC6 PC6 PC6 PC6 PC6	2 poles 3 poles 4 poles 10 poles 1SNA 173 627 R2100 1SNA 113 546 R1400 1SNA 116 536 R0500 1SNA 116 537 R0600 1SNA 113 548 R2600
17 Insulating tip		EIP
18 Shield connector		CBM5 CBM8
19 Protection label Screw for protection label	th. 0,5 mm th. 0,8 mm	EP6 VSP6
20 IDC jumper	114 205 R2000	AD2,5
21 Hand tool kit	179 466 R0600	OUMAD
22 Semi-automatic tool	178 944 R0400	OUPAD
23 Pneumatic tool kit	205 710 R1100	OUTAD
24 Replacement head kit	205 284 R0300	OUTA
25 Extraction tool kit	205 721 R0000	EXAD2
R See section on markers marking method	399 346 R1200 399 341 R1500	CEADO.6 CEADOE
(1) A circuit separator SCAD and 500 V (IEC) rated voltage are required with these accessories. (2) See column on right page : "Various applications".		
RC65 RC610 RTM7		

D 4/6.ADO.T2	D 4/6.ADO.1	D 4/6.ADO.2	D 4/6.ADO.4	D 4/6.ADO.C	
Spacing 6 mm +0,05 .238"	Spacing 6 mm +0,05 .238"	Spacing 6 mm +0,05 .238"	Spacing 6 mm +0,05 .238"	Spacing 6 mm +0,05 .238"	
Part numbers	Part numbers	Part numbers	Part numbers	Part numbers	Various applications
1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300 1SNA 196 896 R0000 (1) 1SNA 163 043 R2100 (1) 1SNA 163 261 R0000 1SNA 173 059 R0300 1SNA 007 865 R2600	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300 1SNA 163 043 R2100 1SNA 163 261 R0000 1SNA 173 059 R0300 1SNA 007 865 R2600	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300 1SNA 173 059 R0300 1SNA 007 865 R2600	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300 1SNA 173 059 R0300 1SNA 007 865 R2600	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300 1SNA 173 059 R0300 1SNA 007 865 R2600	 <p>D 4/6.ADO.C terminal blocks equipped with DIA. 2,5 mm test socket receive a connector. See main catalog connection (section E).</p>
1SNA 176 663 R0000 1SNA 176 664 R0100 1SNA 176 665 R0200 1SNA 176 666 R0300 1SNA 176 667 R0400 1SNA 174 784 R2000 1SNA 206 394 R0200	(3) 1SNA 176 663 R0000 (3) 1SNA 176 664 R0100 (3) 1SNA 176 665 R0200 (3) 1SNA 176 666 R0300 (3) 1SNA 176 667 R0400 (3) 1SNA 174 784 R2000 (3) 1SNA 206 394 R0200	Rated voltage: 800 V (IEC)	Rated voltage: 800 V (IEC)	1SNA 113 546 R1400 1SNA 116 536 R0500 1SNA 116 537 R0600 1SNA 113 548 R2600 1SNA 113 550 R2400 1SNA 178 745 R1400 1SNA 178 746 R1500	<p>BJDP1 is used for the interconnection with terminal block series "M": spacing 16 mm.</p> <p>BJDP3 is used for the interconnection with terminal block series "M": spacing 12 mm.</p> <p>BJDP4 is used for the interconnection with terminal block series "D": spacing 8 mm. or terminal block series "M": spacing 8 or 10 mm.</p>
1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100 1SNA 174 413 R1400 1SNA 116 541 R1200 (2) 1SNA 179 623 R0300 (2) 1SNA 179 625 R0500 (2) 1SNA 174 781 R2500 1SNA 173 627 R2100	1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100 1SNA 174 413 R1400 1SNA 116 541 R1200 (2)(3) 1SNA 179 623 R0300 (2)(3) 1SNA 179 625 R0500 (2)(3) 1SNA 174 781 R2500 (3) 1SNA 173 627 R2100	1SNA 113 546 R1400 1SNA 116 536 R0500 1SNA 116 537 R0600 1SNA 113 548 R2600 1SNA 113 550 R2400 1SNA 178 745 R1400 1SNA 178 746 R1500	1SNA 113 546 R1400 1SNA 116 536 R0500 1SNA 116 537 R0600 1SNA 113 548 R2600 1SNA 113 550 R2400 1SNA 178 745 R1400 1SNA 178 746 R1500	1SNA 113 546 R1400 1SNA 116 536 R0500 1SNA 116 537 R0600 1SNA 113 548 R2600 1SNA 113 550 R2400 1SNA 178 745 R1400 1SNA 178 746 R1500	<p>BJDP1 is used for the interconnection with terminal block series "M": spacing 16 mm.</p> <p>BJDP3 is used for the interconnection with terminal block series "M": spacing 12 mm.</p> <p>BJDP4 is used for the interconnection with terminal block series "D": spacing 8 mm. or terminal block series "M": spacing 8 or 10 mm.</p>
RC65 RC610 RTM7	RC65 RC610 RTM7	RC65 RC610 RTM7	RC65 RC610 RTM7	RC65 RC610 RTM7	

(1) A circuit separator **SCAD** and 500 V (IEC) rated voltage are required with these accessories.
 (2) See column on right: "Various applications".
 (3) Use of these accessories requires the user to cut out the partition.

Terminal blocks
Insulation
Displacement
ADO - Screw clamp
✓ DIN 3

ADO side
1 - 2,5 mm²
16 - 14 AWG

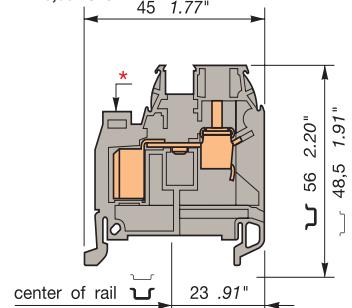


Screw side
0,2 - 6 mm²
22 - 8 AWG



D 6/8... .ADO

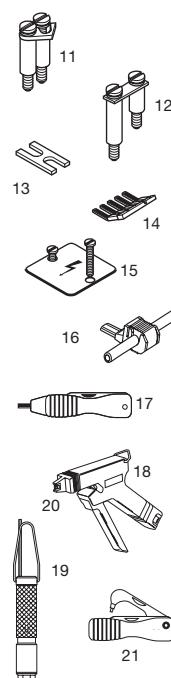
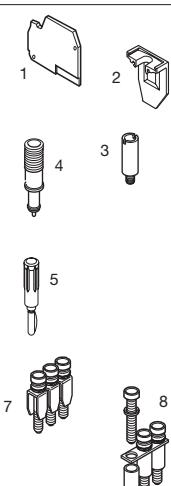
Spacing 8 mm +0,05 .315"



Standard 8 mm block



Accessories



R See section on markers

marking method

Colour	Type	Part numbers
--------	------	--------------

Standard blocks

Grey	D 6/8.ADO	1SNA 199 042 R2500
Orange	D 6/8.ADO	1SNA 199 043 R2600
Blue	D 6/8.N.ADO	1SNA 199 044 R2700
Black	D 6/8.ADO	1SNA 199 077 R2000
Red	D 6/8.ADO	1SNA 199 075 R2600
Ivory	D 6/8.ADO	1SNA 199 076 R2700
Yellow	D 6/8.ADO	1SNA 199 072 R2300
Green	D 6/8.ADO	1SNA 199 073 R2400

Type	Part numbers
------	--------------

1 End section	grey blue yellow grey	FEDAD1 FEDAD1 FEDAD1 SCAD	th. 3 mm th. 3 mm th. 3 mm 1SNA 196 896 R0000	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300
2 Separator		AL2 (1)	DIA. 2 mm	1SNA 163 043 R2100
3 Test socket		AL3 (1)	DIA. 3 mm	1SNA 163 261 R0000
4 Test device		AL4 (1)	DIA. 4 mm	1SNA 163 240 R1700
5 Test plug		DCO	orange 1SNA 173 060 R0000	
7 Assembled jumper bar (with IP20 protection)		FC2	DIA. 2 mm	1SNA 007 865 R2600
8 Jumper bar not assembled Post + washer + captive screw IP20		FC4	DIA. 4 mm	1SNA 167 860 R0100
		BJMI8	41 A	2 poles 1SNA 176 669 R1600
		BJMI8	41 A	3 poles 1SNA 176 670 R1300
		BJMI8	41 A	4 poles 1SNA 176 671 R0000
		BJMI8	41 A	5 poles 1SNA 176 672 R0100
		BJMI8	41 A	10 poles 1SNA 176 673 R0200
		BJS8	41 A	20 poles 1SNA 174 789 R0500
		EV6I		1SNA 206 394 R0200

11 Pivoting jumper bar	50 A	1SNA 174 448 R0700
12 Universal jumper bar	(2) 50 A spa.8 <->spa.16	1SNA 179 623 R0300
	(2) 70 A spa. 8 <->spa.12	1SNA 179 625 R0500
	(2) 50 A spa. 8 <->spa.10	1SNA 174 782 R2600
13 Connector plate	EL6 35 A	1SNA 173 627 R2100
14 Comb type jumper bar	PC8 50 A	2 poles 1SNA 116 538 R1700
	PC8 50 A	3 poles 1SNA 116 539 R1000
	PC8 50 A	4 poles 1SNA 116 540 R2500
	PC8 50 A	10 poles 1SNA 163 313 R2400
15 Protection label	EP6 3 blocks	1SNA 163 427 R1700
	EP8 4 blocks	1SNA 163 428 R2000
	VSP6	1SNA 163 433 R1500
16 IDC jumper	AD2,5 24 A	1SNA 114 205 R2000
17 Hand tool kit	OUMAD	1SNA 179 466 R0600
18 Semi-automatic tool	OUPAD	1SNA 178 944 R0400
19 Pneumatic tool kit	OUTAD	1SNA 205 710 R1100
20 Replacement head kit	OUTA	1SNA 205 284 R0300
21 Extraction tool kit	EXAD2	1SNA 205 721 R0000

(1) A separator SC and 500 V (IEC) rated voltage are required with these accessories

(2) See column : "Various applications"

refer to the section "Special Applications" for part numbers and characteristics.

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	0,2-10 mm ²	22-8 AWG	22-8 AWG
	Flexible	0,22-6 mm ²	22-8 AWG
ADO	Rigid 1-2,5 mm ²	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	1000 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	24 A	25 A	25 A
Wire size			

Wire size

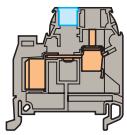
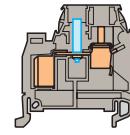
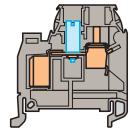
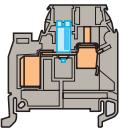
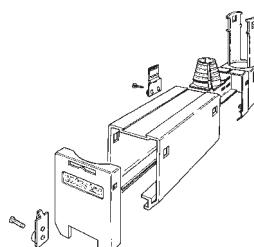
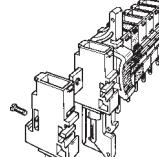
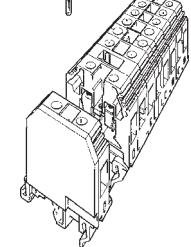
Rated	2,5 mm ²	8/14 AWG	8/14 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
12 mm	4 mm - 5 mm	0,8-1 Nm	IP 20

.47" .16" - .2" 7.1-8.9 lb.in NEMA 1

Notes

Standard block 8 mm. For multiple wire connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 VO.

* Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)

	D 6/8.ADO.1	D 6/8.ADO.2	D 6/8.ADO.4	D 6/8.ADO.C	
	Spacing 8 mm +0,05 .315"	Spacing 8 mm +0,05 .315"	Spacing 8 mm +0,05 .315"	Spacing 8 mm +0,05 .315"	
					
	Grey □ 1SNA 199 046 R2100	Grey □ 1SNA 199 155 R2300	Grey □ 1SNA 199 157 R2500	Grey □ 1SNA 199 156 R2400	<i>D 6/8.ADO.1 equipped with DIA. 2,5 mm flexible test socket for connector - (2)</i>
	<i>D 6/8.ADO with partition</i>	<i>D 6/8.ADO.1 equipped with DIA. 2 mm test socket for test</i>	<i>D 6/8.ADO.1 equipped with DIA. 4 mm test socket for test</i>		
	 	 	 	 	
Part numbers	Part numbers	Part numbers	Part numbers	Part numbers	Various applications
	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300	1SNA 199 336 R2000 1SNA 199 338 R0200 1SNA 199 339 R0300	
	1SNA 163 043 R2100 1SNA 163 261 R0000 1SNA 163 240 R1700 1SNA 173 060 R0000 1SNA 007 865 R2600 1SNA 167 860 R0100	1SNA 173 060 R0000 1SNA 007 865 R2600	1SNA 173 060 R0000 1SNA 007 865 R2600 1SNA 167 860 R0100	1SNA 173 060 R0000 1SNA 007 865 R2600	
	(3) 1SNA 176 669 R1600 (3) 1SNA 176 670 R1300 (3) 1SNA 176 671 R0000 (3) 1SNA 176 672 R0100 (3) 1SNA 176 673 R0200 1SNA 174 789 R0500 (3) 1SNA 206 394 R0200				
	(3) 1SNA 174 448 R0700 (2)(3) 1SNA 179 623 R0300 (2)(3) 1SNA 179 625 R0500 (2)(3) 1SNA 174 782 R2600 (3) 1SNA 173 627 R2100	1SNA 116 538 R1700 1SNA 116 539 R1000 1SNA 116 540 R2500 1SNA 163 313 R2400 1SNA 163 427 R1700 1SNA 163 428 R2000 1SNA 163 433 R1500	1SNA 116 538 R1700 1SNA 116 539 R1000 1SNA 116 540 R2500 1SNA 163 313 R2400	1SNA 116 538 R1700 1SNA 116 539 R1000 1SNA 116 540 R2500 1SNA 163 313 R2400	D 4/6.ADO.C terminal blocks equipped with DIA. 2,5 mm test socket receive a connector. See main catalog connection (section E).
	1SNA 114 205 R2000 1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	1SNA 114 205 R2000 1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	1SNA 114 205 R2000 1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	1SNA 114 205 R2000 1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	Universal jumper bar
	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	BJDP1 is used for the interconnection with terminal block series "M": spacing 16 mm.
	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	BJDP3 is used for the interconnection with terminal block series "M": spacing 12 mm.
	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	BJDP5 is used for the interconnection with terminal block series "M": spacing 10 mm.

(2) See column : "Various applications".

(3) Use of these accessories requires the user to cut out the partition.

Terminal blocks

Insulation Displacement

ADO - Screw clamp

DIN 3

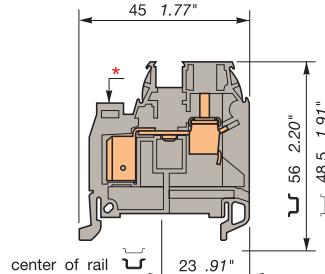
ADO side
4 mm²
12 AWG



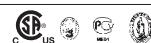
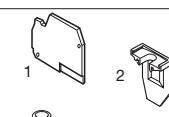
Screw side
0,2 - 6 mm²
22 - 8 AWG

**D 6/8.ADO3**

Spacing 8 mm +0,05 .315"



Standard 8 mm block

**Accessories**

1 End section

grey blue

FEDAD1

th. 3 mm 1SNA 199 336 R2000

FEDAD1

th. 3 mm 1SNA 199 338 R0200

SCAD

1SNA 196 896 R0000

2 Separator

grey

AL2 (1)

DIA. 2 mm 1SNA 163 043 R2100

AL3 (1)

DIA. 3 mm 1SNA 163 261 R0000

AL4 (1)

DIA. 4 mm 1SNA 163 240 R1700

DCO

Orange 1SNA 173 060 R0000

FC2 (3)

DIA. 2 mm 1SNA 007 865 R2600

FC4 (3)

DIA. 4 mm 1SNA 167 860 R0100

7 Assembled jumper bar
(with IP20 protection)8 Jumper bar not assembled
Post + washer + captive screw IP20

11 Pivoting jumper bar

12 Universal jumper bar



13 Connector plate



14 Comb type jumper bar



15 Protection label



Screw for protection label

16 IDC jumper

17 Hand tool kit

18 Semi-automatic tool

19 Replacement head kit

20 Extraction tool kit



Colour	Type	Part numbers
--------	------	--------------

Standard block

Grey	D 6/8.ADO3	1SNA 399 245 R1500
Blue	D 6/8.N.ADO3	1SNA 399 319 R1700
Orange	D 6/8.ADO3	1SNA 399 800 R1700

refer to the section "Special Applications" for part numbers and characteristics.

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC	UL/CSA
	NFC DIN	
Screw	0,2-10 mm ²	22-8 AWG
Rigid		
Flexible	0,22-6 mm ²	22-8 AWG

ADO	4 mm ²	12 AWG
Rigid		
Flexible		

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	32 A	25 A

Wire size

Rated	4 mm ²	8/12 AWG

Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
12 mm	4 mm - 5 mm	0,8-1 Nm	IP 20
.47"	.16" - .2"	7.1-8.9 lb.in	NEMA 1

Notes

Standard 8 mm block for connection of only one rigid or flexible 4 mm² wire.

* White marking for wire size 4 mm² (12 AWG)

R See section on markers marking method

RTM7 RC 810 RCAL85

(1) A circuit separator SC is required and 500 V (IEC) rated voltage with these accessories.
(3) Forbidden under explosive atmosphere EEX usage. (4) Only certified for "i" security.

Terminal block
Insulation Displacement
Double deck
ADO - Screw clamp

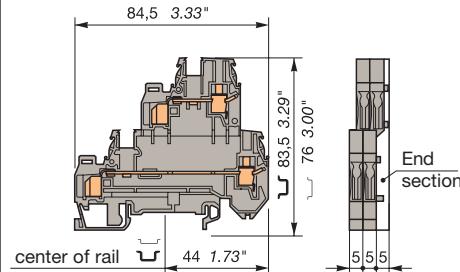


DIN 3
 ADO side
 0,22 - 1 mm²
 24 - 18 AWG

Screw side
 0,22 - 2,5 mm²
 24 - 12 AWG

D 2,5/5.D2.ADO

Spacing 5 mm + 0,05 (.200")



Standard 5 mm block

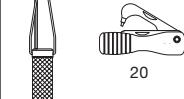
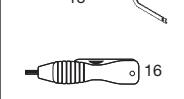
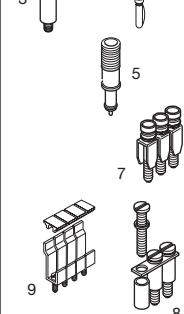
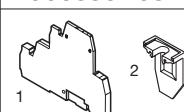
Colour Type Part numbers

Standard block

Grey	D 2,5/5.D2.ADO	1SNA 399 898 R0500
Blue	D 2,5/5.D2.N.ADO	1SNA 399 899 R0600

CE

Accessories



Type

Part numbers

1 End section	grey	FED2AD1	V0	th. 5 mm	1SNA 199 417 R1200
2 Separator	grey	SCAD5			1SNA 199 551 R2000
3 Test socket		AL2	(1)	DIA. 2 mm	1SNA 163 046 R2400
4 Test plug		FC2		DIA. 2 mm	1SNA 007 865 R2600
5 Test device		DCV			1SNA 173 058 R0200

7 Assembled jumper bar (with IP20 protection)	BJMI5	(1)	24 A	2 poles	1SNA 176 278 R1600
	BJMI5	(1)	24 A	3 poles	1SNA 176 279 R1700
	BJMI5	(1)	24 A	4 poles	1SNA 176 280 R0500
	BJMI5	(1)	24 A	5 poles	1SNA 176 281 R2200
	BJMI5	(1)	24 A	10 poles	1SNA 176 282 R2300

8 Jumper bar not assembled Post + screw + washer	BJS5	(1)	24 A	20 poles	1SNA 177 652 R0600
9 Jumper bar for alternated jumping	EV5				1SNA 168 629 R1600

9 Jumper bar for alternated jumping	BJA5		24 A	10 poles	1SNA 205 021 R2600
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12 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.2	17,5 A	2 poles	1SNA 205 955 R0300
	BJADO5.3	17,5 A	3 poles	1SNA 205 956 R0400
	BJADO5.4	17,5 A	4 poles	1SNA 205 957 R0500
	BJADO5.5	17,5 A	5 poles	1SNA 205 958 R1600
	BJADO5.10	17,5 A	10 poles	1SNA 205 963 R0300
	BJADO5.20	17,5 A	20 poles	1SNA 205 973 R0500

13 Connector plate	EL6	35 A			1SNA 173 627 R2100
14 Comb type jumper bar	PC5	30 A	2 poles	1SNA 113 542 R1000	
	PC5	30 A	10 poles	1SNA 113 544 R1200	

15 Insulating tip	EIP				1SNA 113 550 R2400
16 Shield connector	CBD2S				1SNA 178 408 R1400
17 Hand tool kit	OUMAD				1SNA 179 466 R0600

18 Semi-automatic tool	OUPAD				1SNA 178 944 R0400
19 Pneumatic tool kit	OUTAD				1SNA 205 710 R1100
20 Replacement head kit	OUTA				1SNA 205 284 R0300

21 Extraction tool kit	EXAD2				1SNA 205 721 R0000
22 Test connector	CEADO.5				1SNA 399 345 R1100
	CEAOE				1SNA 399 341 R1500

R See section on markers marking method	RC55	RC510	RTM7		
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(1) SC obligatory rated voltage with these accessories.

Notes

Standard block 5 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

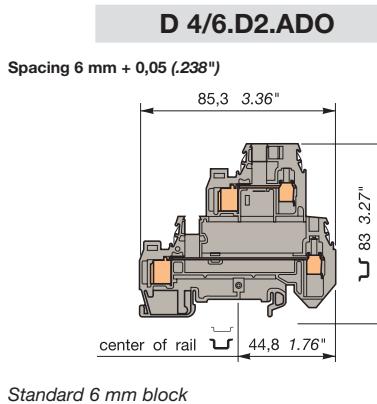
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

**Terminal block
Insulation
Displacement
Double deck
ADO - Screw clamp**

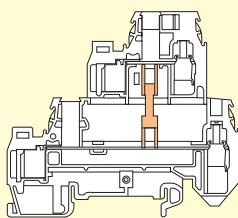


ADO side
0,34 - 1,5 mm²
22 - 16 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG



Colour	Type	Part numbers
Standard block		
Grey	D 4/6.D2.ADO	1SNA 199 242 R0200
Orange	D 4/6.D2.ADO	1SNA 199 243 R0300
Blue	D 4/6.D2.N.ADO	1SNA 199 244 R0400
Green	D 4/6.D2.ADO	1SNA 199 262 R0600



Vertical jumper bar assembly (ITVE marker 16)



Accessories

	Type	Part numbers
1 End section	grey	FED2AD1 V0 th. 5 mm 1SNA 199 417 R1200
2 Separator	grey	SCAD SCAD 1SNA 196 896 R0000
3 Test socket		AL2 (1) DIA. 2 mm 1SNA 163 043 R2100
4 Test device		AL3 (1) DIA. 3 mm 1SNA 163 261 R0000
5 Test plug		DCJ yellow 1SNA 173 059 R0300
7 Assembled jumper bar (with IP20 protection)	BJMI6 (1) 32 A 2 poles	1SNA 176 663 R0000
	BJMI6 (1) 32 A 3 poles	1SNA 176 664 R0100
	BJMI6 (1) 32 A 4 poles	1SNA 176 665 R0200
	BJMI6 (1) 32 A 5 poles	1SNA 176 666 R0300
	BJMI6 (1) 32 A 10 poles	1SNA 176 667 R0400
8 Jumper bar not assembled Post + washer + captive screw IP20	BJS6 (1) 32 A 20 poles	1SNA 174 784 R2000
	EV6I EV6I 1SNA 206 394 R0200	
11 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO6.2 17,5 A 2 poles	1SNA 205 974 R0600
	BJADO6.3 17,5 A 3 poles	1SNA 205 975 R0700
	BJADO6.4 17,5 A 4 poles	1SNA 205 976 R0000
	BJADO6.5 17,5 A 5 poles	1SNA 205 977 R0100
	BJADO6.10 17,5 A 10 poles	1SNA 205 982 R2700
	BJADO6.20 17,5 A 20 poles	1SNA 205 992 R2100
12 Pivoting jumper bar	BJP6 (1) 35 A	1SNA 174 413 R1400
13 Jumper bar for alternated jumping	BAJ6 (1) 32 A 10 poles	1SNA 116 541 R1200
14 Connector plate	EL6 35 A	1SNA 173 627 R2100
15 Comb type jumper bar	PC6 35 A 2 poles	1SNA 113 546 R1400
	PC6 35 A 3 poles	1SNA 116 536 R0500
	PC6 35 A 4 poles	1SNA 116 537 R0600
	PC6 35 A 10 poles	1SNA 113 548 R2600
16 Insulating tip	EIP EIP 1SNA 113 550 R2400	
17 Vertical jumper bar	ITVE ITVE 1SNA 179 694 R0300	
18 Shield connector	CBD2S CBD2S 1SNA 178 408 R1400	
19 Protection label	EP6 EP6 4 blocks	1SNA 163 427 R1700
20 Screw for protection label	VSP6 VSP6 1SNA 163 433 R1500	
21 IDC jumper	AD2,5 AD2,5 24 A	1SNA 114 205 R2000
22 Hand tool kit	OUMAD OUMAD 1SNA 179 466 R0600	
23 Semi-automatic tool	OUPAD OUPAD 1SNA 178 944 R0400	
24 Pneumatic tool kit	OUTAD OUTAD 1SNA 205 710 R1100	
25 Replacement head kit	OUTA OUTA 1SNA 205 284 R0300	
	EXAD2 EXAD2 1SNA 205 721 R0000	
26 Extraction tool kit	CEADO.6 CEADO.6 1SNA 399 346 R1200	
27 Test connector	CEAOE CEAOE 1SNA 399 341 R1500	
R See section on markers marking method	RTM7 RTM7	1SNA 179 694 R0300
	RC610 RC610	1SNA 178 408 R1400
	RC65 RC65	1SNA 163 427 R1700

(1) SC obligatory rated voltage with these accessories.

refer to the section "Special Applications" for part numbers and characteristics.

End stop	th. 12 mm	BADH	V2	1SNA 116 900 R2700
End stop	th. 9,1 mm	BAMH	V2	1SNA 114 836 R0000
End stop	th. 9,1 mm	BAMH V0	V0	1SNA 194 836 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Other end stops, rails and accessories : see section on accessories.				

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	0,2-4 mm ²	22-10 AWG	22-10 AWG
	0,22-4 mm ²	22-10 AWG	22-10 AWG

ADO	0,28-1,5 mm ²	22-16 AWG	22-16 AWG
	0,34-1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	800 V	600 V	600 V
Impulse withstand	6 kV		

Pollution degree

3			
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Current

Rated	17,5 A	18 A	18 A

Wire size

Rated	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection

9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.157"	4.4-7.1 lb.in.	NEMA 1

Notes

Standard block 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Terminal blocks**Insulation****Displacement****Double deck****ADO - Screw clamp**

DIN 3

ADO side

0,34 - 1,5 mm²

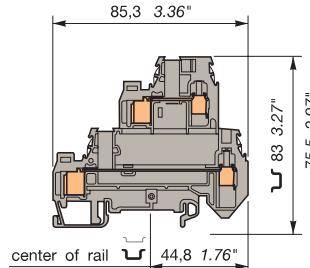
22 - 16 AWG



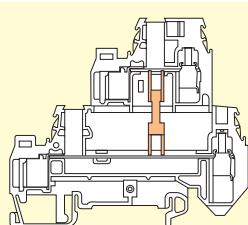
Screw side
0,2 - 4 mm²
22 - 10 AWG

D 4/6.D2.ADO.1

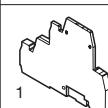
Spacing 6 mm + 0,05 (.238")



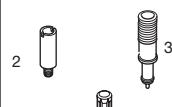
D 4/6.D2.ADO with partition

Colour **Type** **Part numbers**Grey **D 4/6.D2.ADO.1** 1SNA 199 245 R0500

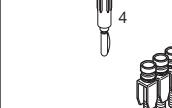
Vertical jumper bar assembly (ITVE marker 15)

**Accessories**

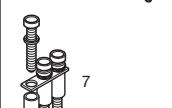
1 End section



2 Test socket



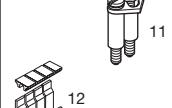
3 Test device



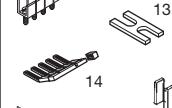
4 Test plug



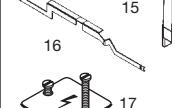
6 Assembled jumper bar (with IP20 protection)



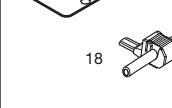
7 Jumper bar not assembled Post + washer + captive screw IP20



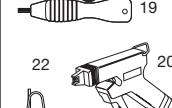
10 Screwless jumper bar to be inserted into ADO jaw orange IP20



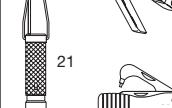
11 Pivoting jumper bar



12 Jumper bar for alternated jumping



13 Connector plate



14 Comb type jumper bar



15 Vertical jumper bar



16 Shield connector



17 Protection label



18 Screw for protection label

19 IDC jumper

20 Hand tool kit

21 Pneumatic tool kit

22 Replacement head kit

23 Extraction tool kit

24 Test connector

R See section on markers marking method

Type**Part numbers**

FED2AD1 V0	th. 5,0 mm	1SNA 199 417 R1200
AL2 (1)	DIA. 2,0 mm	1SNA 163 043 R2100
AL3 (1)	DIA. 3,0 mm	1SNA 163 261 R0000
DCJ	yellow	1SNA 173 059 R0300
FC2	DIA. 2,0 mm	1SNA 007 865 R2600

BJMI6 (1)	32 A	2 poles	1SNA 176 663 R0000
BJMI6 (1)	32 A	3 poles	1SNA 176 664 R0100
BJMI6 (1)	32 A	4 poles	1SNA 176 665 R0200
BJMI6 (1)	32 A	5 poles	1SNA 176 666 R0300
BJMI6 (1)	32 A	10 poles	1SNA 176 667 R0400
BJS6 (1)	32 A	20 poles	1SNA 174 784 R2000
EV6I			1SNA 206 394 R0200

BJAD06.2	17,5 A	2 poles	1SNA 205 974 R0600
BJAD06.3	17,5 A	3 poles	1SNA 205 975 R0700
BJAD06.4	17,5 A	4 poles	1SNA 205 976 R0000
BJAD06.5	17,5 A	5 poles	1SNA 205 977 R0100
BJAD06.10	17,5 A	10 poles	1SNA 205 982 R2700
BJAD06.20	17,5 A	20 poles	1SNA 205 992 R2100

BJP6 (1)	35 A	10 poles	1SNA 174 413 R1400
BJA6 (1)	32 A	10 poles	1SNA 116 541 R1200
EL6	35 A		1SNA 173 627 R2100
PC6	35 A	2 poles	1SNA 113 546 R1400
PC6	35 A	3 poles	1SNA 116 536 R0500
PC6	35 A	4 poles	1SNA 116 537 R0600
PC6	35 A	10 poles	1SNA 113 548 R2600
EIP			1SNA 113 550 R2400

ITVE			1SNA 179 694 R0300
CBD2S			1SNA 178 408 R1400
EP6			4 blocks 1SNA 163 427 R1700
VSP6			1SNA 163 433 R1500

AD2,5	24 A		1SNA 114 205 R2000
OUMAD			1SNA 179 466 R0600
OUPAD			1SNA 178 944 R0400
OUTAD			1SNA 205 710 R1100
OUTA			1SNA 205 284 R0300
EXAD2			1SNA 205 721 R0000

CEAD0.6			1SNA 399 346 R1200
CEADE0			1SNA 399 341 R1500

R	See section on markers marking method		
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RC610 RC65

(1) Use of these accessories requires the user to cut out the partition.

End stop	th. 12 mm	BADH	V2	1SNA 116 900 R2700
End stop	th. 9,1 mm	BAMH	V2	1SNA 114 836 R0000
End stop	th. 9,1 mm	BAMH V0	V0	1SNA 194 836 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics**Wire size**

	IEC NFC VDE	UL	CSA
Screw	0,2-4 mm ²	22-10 AWG	22-10 AWG
Flexible	0,22-4 mm ²	22-10 AWG	22-10 AWG
ADO	0,28-1,5 mm ²	22-16 AWG	22-16 AWG
Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	800 V	600 V	600 V
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	17,5 A	18 A	18 A
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Wire size

Rated	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.157"	4.4-7.1 lb.in.	NEMA 1

Notes

Standard block 6 mm double deck. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

Some accessories can decrease the block's voltage rating. Consult us for more information.

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**Terminal block
Insulation
Displacement**
Double deck
ADO - Screw clamp
DIN 3

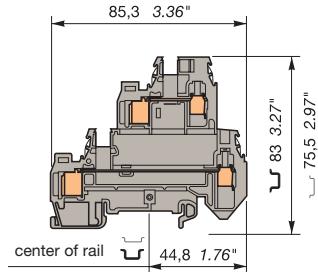
ADO side
1 - 2,5 mm²
16 - 14 AWG



Screw side
0,2 - 10 mm²
24 - 8 AWG

D 6/8.D2.ADO

Spacing 8 mm + 0,05 (.315")

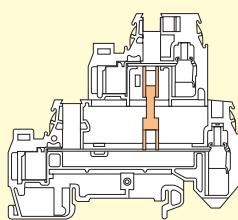


Standard 8 mm block

Colour	Type	Part numbers
--------	------	--------------

Standard block

Grey	D 6/8.D2.ADO	1SNA 399 600 R2600
Blue	D 6/8.D2.N.ADO	1SNA 399 602 R1400



Positionning of the vertical jumper bar (ITVE marker 13)

**Accessories**

Type	Part numbers
grey	
1 End section	FED2AD1 V0 th. 5 mm 1SNA 199 417 R1200
2 Test socket	AL2 (1) DIA. 2 mm 1SNA 163 043 R2100
3 Test device	AL3 (1) DIA. 3 mm 1SNA 163 261 R0000
4 Test plug	AL4 (1) DIA. 4 mm 1SNA 163 240 R1700
DCO	orange 1SNA 173 060 R0000
FC2	(2) DIA. 2 mm 1SNA 007 865 R2600
FC4	(2) DIA. 4 mm 1SNA 167 860 R0100

6 Assembled jumper bar (with IP20 protection)	BJM18 (1) 41 A 2 poles 1SNA 176 669 R1600
7 Jumper bar not assembled Post + washer + captive screw IP20	BJS8 41 A 20 poles 1SNA 174 789 R0500
	EV6I 1SNA 206 394 R0200

10 Pivoting jumper bar	BJP8 (1)(3) 50 A 1SNA 174 448 R0700
11 Connector plate	EL6 (3) 35 A 1SNA 173 627 R2100
12 Comb type jumper bar	PC8 50 A 2 poles 1SNA 113 546 R1400
	PC8 50 A 3 poles 1SNA 116 536 R0500
	PC8 50 A 4 poles 1SNA 116 537 R0600
	PC8 50 A 10 poles 1SNA 113 548 R2600
	EIP 1SNA 113 550 R2400
	ITVE 1SNA 179 694 R0300

13 Vertical jumper bar	EP6 3 poles 1SNA 163 427 R1700
14 Protection label	EP8 4 poles 1SNA 163 428 R2000
	VSP6 1SNA 163 433 R1500
	EIP 1SNA 113 550 R2400
	ITVE 1SNA 179 694 R0300
	EP6 3 poles 1SNA 163 427 R1700
	EP8 4 poles 1SNA 163 428 R2000
	VSP6 1SNA 163 433 R1500
	EIP 1SNA 113 550 R2400
	ITVE 1SNA 179 694 R0300

15 IDC jumper	OUMAD 1SNA 179 466 R0600
16 Hand tool kit	OUPAD 1SNA 178 944 R0400
17 Semi-automatic tool	OUTAD 1SNA 205 710 R1100
18 Pneumatic tool	OUTA 1SNA 205 284 R0300
19 Replacement head kit	BP8.A4 (with AL4) 1SNA 173 888 R2000
20 Bridging plug	CEADO.8 1SNA 399 348 R2400
21 Test connector	CEAOE 1SNA 399 341 R1500

18	
20	
21	

R	See section on markers marking method
	RTM7
	RC810
	RCAL85

(1) SC obligatory rated voltage with these accessories. (2) Forbidden under explosive atmosphere EEX usage. (3) Only certified for "i" security.

**Terminal block
Insulation
Displacement**
Double deck
ADO - Screw clamp

DIN 3

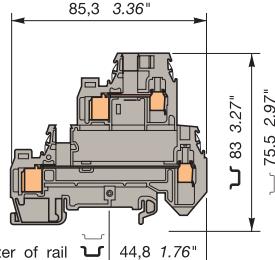
ADO side
1 - 2,5 mm²
16 - 14 AWG



Screw side
0,2 - 10 mm²
24 - 8 AWG

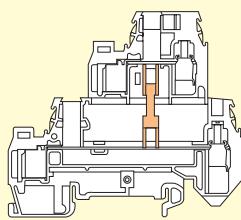
D 6/8.D2.ADO.1

Spacing 8 mm + 0,05 (.315")

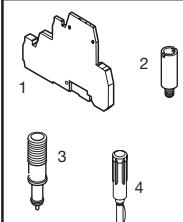


D 6/8.D2.ADO with partition

Colour	Type	Part numbers
Grey	D 6/8.D2.ADO.1	1SNA 399 601 R1300

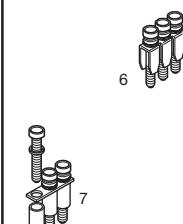


Positionning of the vertical jumper bar (ITVE marker 13)

**Accessories**

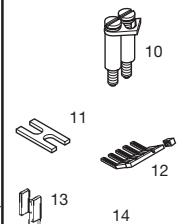
1 End section
2 Test socket
3 Test device
4 Test plug

Type	Part numbers		
FED2AD1 V0	th. 5 mm	1SNA 199 417 R1200	
AL2 (1)	DIA. 2 mm	1SNA 163 043 R2100	
AL3 (1)	DIA. 3 mm	1SNA 163 261 R0000	
AL4 (1)	DIA. 4 mm	1SNA 163 240 R1700	
DCO	orange	1SNA 173 060 R0000	
FC2 (2)	DIA. 2 mm	1SNA 007 865 R2600	
FC4 (2)	DIA. 4 mm	1SNA 167 860 R0100	



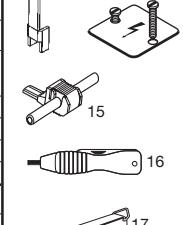
6 Assembled jumper bar (with IP20 protection)
7 Jumper bar not assembled Post + washer + captive screw IP20

BJMI8 (1)	41 A	2 poles	1SNA 176 669 R1600
BJMI8 (1)	41 A	3 poles	1SNA 176 670 R1300
BJMI8 (1)	41 A	4 poles	1SNA 176 671 R0000
BJMI8 (1)	41 A	5 poles	1SNA 176 672 R0100
BJMI8 (1)	41 A	10 poles	1SNA 176 673 R0200
BJS8	41 A	20 poles	1SNA 174 789 R0500
EV6I			1SNA 206 394 R0200



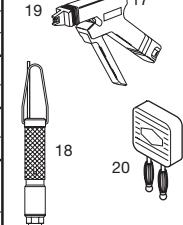
10 Pivoting jumper bar
11 Connector plate
12 Comb type jumper bar

EIP	(1)(3)	50 A	1SNA 174 448 R0700
ITVE			1SNA 179 694 R0300
EL6 (3)	35 A		1SNA 173 627 R2100
PC8	50 A	2 poles	1SNA 113 546 R1400
PC8	50 A	3 poles	1SNA 116 536 R0500
PC8	50 A	4 poles	1SNA 116 537 R0600
PC8	50 A	10 poles	1SNA 113 548 R2600



13 Vertical jumper bar
14 Protection label
15 IDC jumper

EP6		3 blocks	1SNA 163 427 R1700
EP8		4 blocks	1SNA 163 428 R2000
VSP6			1SNA 163 433 R1500
AD2,5		24 A	1SNA 114 205 R2000
OUMAD			1SNA 179 466 R0600
OUPAD			1SNA 178 944 R0400
OUTAD			1SNA 205 710 R1100
OUTA			1SNA 205 284 R0300
BP8.A4		(with AL4)	1SNA 173 888 R2000



16 Hand tool kit
17 Semi-automatic tool
18 Pneumatic tool
19 Replacement head kit

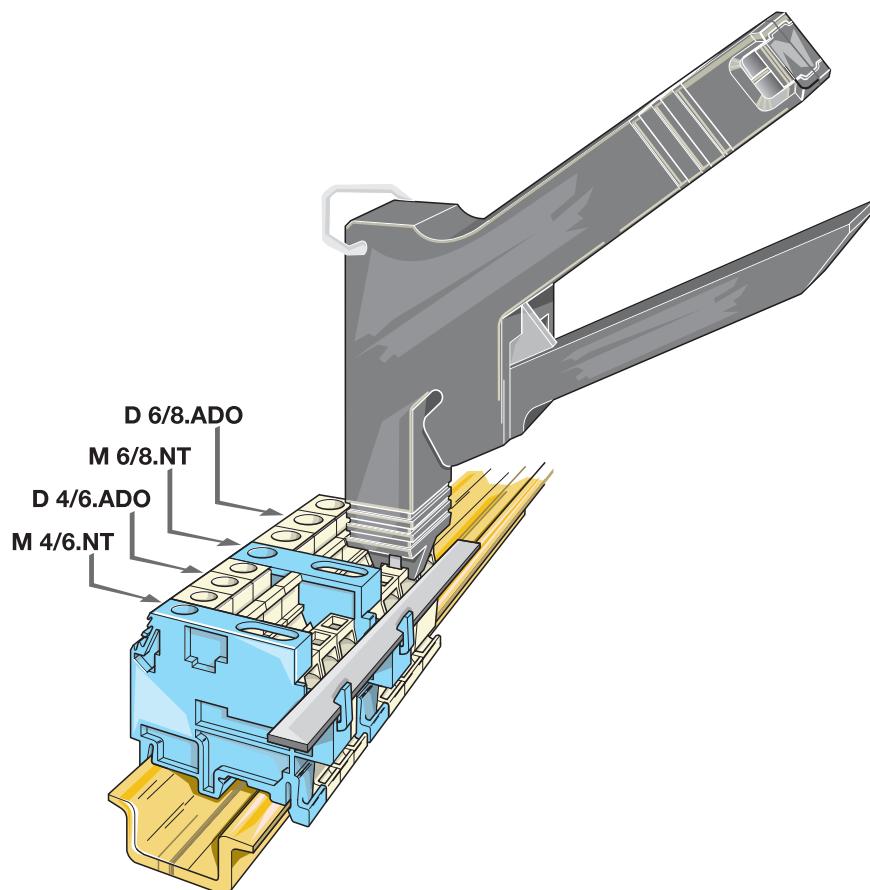
R	See section on markers		
	marking method	RTM7 RC810 RCAL85	

(1) SC obligatory rated voltage with these accessories. (2) Forbidden under explosive atmosphere EEX usage. (3) Only certified for "i" security.

Compatibility of ADO/ Screw clamp terminal blocks with Screw clamp/Screw clamp switch terminal blocks for neutral circuits

Standard ADO/Screw clamp terminal blocks with 6 and 8 mm spacing are compatible with Screw clamp/Screw clamp switch terminal blocks for neutral circuits.

Wire connection and removal is possible with busbar in its place.



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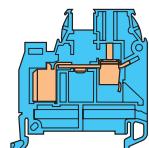
ADO/Screw clamp terminal blocks for neutral circuits

ADO/Screw clamp terminal blocks with blue body can be used for neutral connection.

Blue colour permits a good identification.

D 2,5/5.N.ADO

Spacing 5 mm + 0,05 (.198")

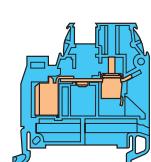


Rated wire size
D 2,5/5.N.ADO

1 mm²
1SNA 199 556 R2500

D 4/6.N.ADO

Spacing 6 mm + 0,05 (.238")

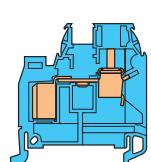


Rated wire size
D 4/6.N.ADO

1,5 mm²
1SNA 199 036 R1700

D 6/8.N.ADO

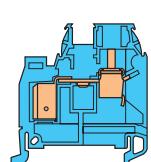
Spacing 8 mm + 0,05 (.315")



Rated wire size
D 6/8.N.ADO

D 6/8.N.ADO3

Spacing 8 mm + 0,05 (.315")

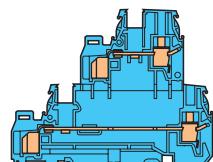


Rated wire size
D 6/8.N.ADO3

4 mm²
1SNA 399 319 R1700

D 2,5/5.D2.N.ADO

Spacing 5 mm + 0,05 (.200")

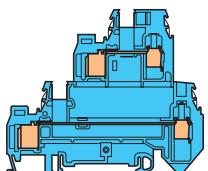


Rated wire size
D 2,5/5.D2.N.ADO

1 mm²
1SNA 399 899 R0600

D 4/6.D2.N.ADO

Spacing 6 mm + 0,05 (.238")

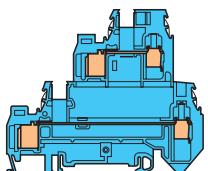


Rated wire size
D 4/6.D2.N.ADO

1,5 mm²
1SNA 199 244 R0400

D 6/8.D2.N.ADO

Spacing 8 mm + 0,05 (.315")



Rated wire size
D 6/8.D2.N.ADO

2,5 mm²
1SNA 399 602 R1400

**Characteristics and accessories of these blocks are described in standard ADO/
Screw clamp block pages.**

Terminal blocks

Insulation displacement

Ground terminal blocks not electrically connected to the mounting rail

ADO - Screw-clamp

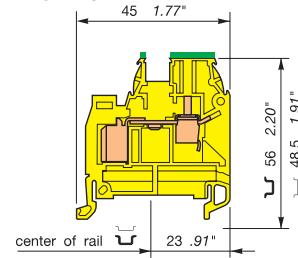
DIN 3



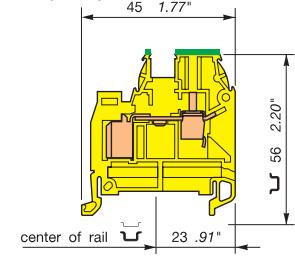
Characteristics and accessories, see Screw clamp terminal blocks.

* Black marking for wire side 1 - 2,5 mm² (16-14 AWG)

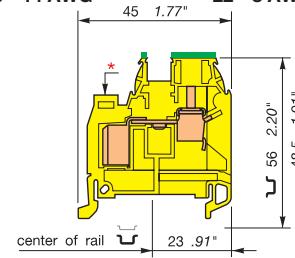
D 2,5/5.PI.ADO
Spacing 5 mm + 0.05 .198"
ADO side 0.22 -1 mm²
Screw side 0.2 - 2,5 mm²
24 - 18 AWG 22 - 12 AWG



D 4/6.PI.ADO
Spacing 6 mm + 0.05 .238"
ADO side 0.34 -1,5 mm²
Screw side 0.2 - 4 mm²
22 - 16 AWG 22 - 12 AWG



D 6/8.PI.ADO
Spacing 8 mm + 0,05 .315"
ADO side 1 - 2,5 mm²
Screw side 0.2 - 6 mm²
16 - 14 AWG 22 - 8 AWG



Type	P/N
Yellow body / Green marking ■ D 2,5/5.PI.ADO	1SNA 399 181 R2600

Type	P/N
Yellow body / Green marking ■ D 4/6.PI.ADO	1SNA 199 037 R1000

Type	P/N
Yellow body / Green marking ■ D 6/8.PI.ADO	1SNA 199 045 R2000

Characteristics

Wire size	NFC	IEC DIN	UL/CSA	IEC DIN	UL	CSA	IEC NFC DIN	UL	CSA
	Screw	Rigid	0,2-4 mm ²	22-12 AWG	0,2-4 mm ²	22-12 AWG	0,2-10 mm ²	22-8 AWG	0,2-10 mm ²
ADO	Flexible		0,22-2,5 mm ²	22-12 AWG	0,22-4 mm ²	22-12 AWG	0,22-6 mm ²	22-8 AWG	0,22-6 mm ²
	Rigid		0,2-1 mm ²	24-18 AWG	0,34-1,5 mm ²	22-16 AWG	1-2,5 mm ²	16-14 AWG	1-2,5 mm ²

Rated current

Rated wire size

Other characteristics

	Wire stripping length	Recommended screwdriver	Recommended torque	Protection	Wire stripping length	Recommended screwdriver	Recommended torque	Protection	Wire stripping length	Recommended screwdriver	Recommended torque	Protection
	9,5 mm	3,5 mm	0,4-0,6 Nm	IP20	9,5 mm	4 mm	0,5-0,8 Nm	IP20	12 mm	4 mm-5 mm	0,8-1 Nm	IP20
	.37"	.137"	3,5-5,3 lb.in	NEMA 1	.37"	.16"	4,4-7,1 lb.in	NEMA 1	.47"	.16"- .2"	7,1-8,9 lb.in	NEMA 1

Approvals

	CE	UL	GS	CE	UL	GS	CE	UL	GS	CE
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Accessories

	Type	P/N	Type	P/N	Type	P/N
1 End section	FEDAD1	V0 th. 3 mm 1SNA 199 336 R2000	FEDAD1	V0 th. 3 mm 1SNA 199 336 R2000	FEDAD1	V0 th. 3 mm 1SNA 199 336 R2000
R See section on marking	RC55 RC510 RTM7	RC65 RC610 RTM7	RTM7 RC810 RCAL85			

Terminal blocks

Insulation displacement

Ground terminal blocks not electrically connected to the mounting rail

ADO - Screw-clamp

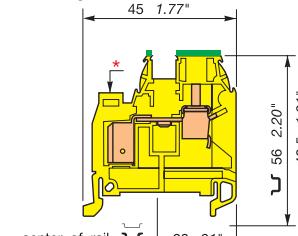
DIN 3



Characteristics and accessories, see Screw clamp terminal blocks.

* White marking for wire size 4 mm² (12 AWG)

D 6/8.PI.ADO3
Spacing 8 mm + 0.05 .315"
ADO side 4 mm² / 12 AWG
Screw side 0.2 - 6 mm²
1 wire only 22 - 8 AWG



Type	P/N
Yellow body / Green marking ■ D 6/8.PI.ADO.3	1SNA 399 273 R1100

D 6/8.PI.ADO
Spacing 8 mm + 0.05 .315"
ADO side 1 - 2,5 mm²
Screw side 0.2 - 6 mm²
16 - 14 AWG 22 - 8 AWG



D 6/8.PI.ADO
Spacing 8 mm + 0.05 .315"
ADO side 1 - 2,5 mm²
Screw side 0.2 - 6 mm²
16 - 14 AWG 22 - 8 AWG



Characteristics

Wire size	NFC	IEC DIN	UL	CSA	IEC DIN	UL	CSA	IEC NFC DIN	UL	CSA
	Screw	Rigid	0,2-10 mm ²	22-8 AWG	0,2-10 mm ²	22-8 AWG	0,2-10 mm ²	22-8 AWG	0,2-10 mm ²	22-8 AWG
ADO	Flexible		0,22-6 mm ²	22-8 AWG	0,22-6 mm ²	22-8 AWG	0,22-6 mm ²	22-8 AWG	0,22-6 mm ²	22-8 AWG
	Rigid		4 mm ²	12 AWG	4 mm ²	12 AWG	4 mm ²	12 AWG	4 mm ²	12 AWG

Rated current

Rated wire size

Other characteristics

	Wire stripping length	Recommended screwdriver	Recommended torque	Protection	Wire stripping length	Recommended screwdriver	Recommended torque	Protection	Wire stripping length	Recommended screwdriver	Recommended torque	Protection
	12 mm	4 mm-5 mm	0,8-1 Nm	IP20	12 mm	4 mm-5 mm	0,8-1 Nm	IP20	12 mm	4 mm-5 mm	0,8-1 Nm	IP20
	.47"	.16"- .2"	7,1-8,9 lb.in	NEMA 1	.47"	.16"- .2"	7,1-8,9 lb.in	NEMA 1	.47"	.16"- .2"	7,1-8,9 lb.in	NEMA 1

Approvals

	CE	UL	GS	CE	UL	GS	CE	UL	GS	CE
--	----	----	----	----	----	----	----	----	----	----

Accessories

	Type	P/N	Type	P/N	Type	P/N
1 End section	FEDAD1	V0 th. 3 mm 1SNA 199 336 R2000				
R See section on marking	RTM7 RC810 RCAL85					

Terminal blocks

Insulation displacement

Ground terminal blocks
electrically connected to
the mounting rail

ADO - Screw-clamp

DIN 3



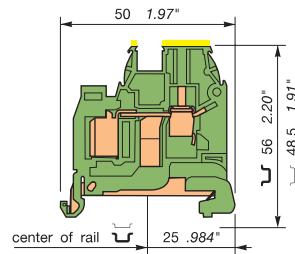
refer to the section "Special Applications" for part numbers and characteristics.

Characteristics and accessories, refer to standard ADO - Screw clamp terminal blocks.

* Black marking for wire size 1.2-5 mm² (16-14 AWG)

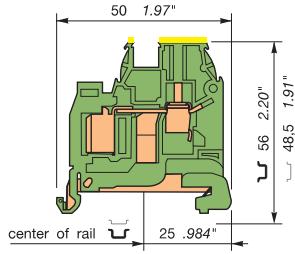
D 2,5/5.P.ADO

Spacing 5 mm + 0.05 .198"
ADO side Screw side
0.22 -1 mm² 0.2 - 2.5 mm²
24 - 18 AWG 22 - 12 AWG



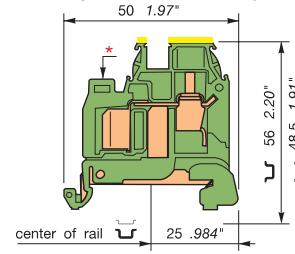
D 4/6.P.ADO

Spacing 6 mm + 0.05 .238"
ADO side Screw side
0.34 -1.5 mm² 0.2 - 4 mm²
22 - 16 AWG 22 - 12 AWG



D 6/8.P.ADO

Spacing 8 mm + 0.05 .315"
ADO side Screw side
1 - 2.5 mm² 0.2 - 6 mm²
16 - 14 AWG 22 - 8 AWG



Type P/N

Green body / Yellow marking
 D2,5/5.P.ADO 1SNA 399 030 R0500

Type P/N

Green body / Yellow marking
 D4/6.P.ADO 1SNA 199 050 R0100

Type P/N

Green body / Yellow marking
 D6/8.P.ADO 1SNA 199 118 R2600

Characteristics

NFC DIN IEC UL/CSA

IEC NFC DIN UL CSA

IEC NFC DIN UL CSA

Rigid 0,2-4 mm² 22-12 AWG

0,2-4 mm² 22-10 AWG 22-10 AWG

0,2-10 mm² 22-8 AWG 22-8 AWG

Screw 0,22-2,5 mm² 22-12 AWG

0,22-4 mm² 22-10 AWG 22-10 AWG

0,22-6 mm² 22-8 AWG 22-8 AWG

Flexible 0,2-1 mm² 24-18 AWG

0,34-1,5 mm² 22-16 AWG 22-16 AWG

1-2,5 mm² 16-14 AWG 16-14 AWG

ADO 0,22-1 mm² 24-18 AWG

0,34-1,5 mm² 22-16 AWG 22-16 AWG

1-2,5 mm² 16-14 AWG 16-14 AWG

Rated current 120 A/1 s.

1 mm²

1.5 mm²

300 A/1 s.

Rated wire size

18 AWG

16 AWG

14 AWG

Other characteristics

Wire stripping length Recommended screwdriver Recommended torque Protection

Wire stripping length Recommended screwdriver Recommended torque Protection

Wire stripping length Recommended screwdriver Recommended torque Protection

9,5 mm 3,5 mm 0,4-0,6 Nm IP20

9,5 mm 4 mm 0,5-0,8 Nm IP20

12 mm 4 mm- 5 mm 0,8-1 Nm IP20

.37" .137" 3.5-5.3 lb.in NEMA 1

.37" .16" 4.4-7.1 lb.in NEMA 1

.47" .16" - .2" 7.1-8.9 lb.in NEMA 1

Approvals



Accessories

Type P/N

Type P/N

Type P/N

1 End section yellow

FEDAD1 V0 th. 3 mm 1SNA 199 339 R0300

FEDAD1 V0 th. 3 mm 1SNA 199 339 R0300

FEDAD1 V0 th. 3 mm 1SNA 199 339 R0300

grey

FEDAD1 V0 th. 3 mm 1SNA 199 336 R2000

FEDAD1 V0 th. 3 mm 1SNA 199 336 R2000

FEDAD1 V0 th. 3 mm 1SNA 199 336 R2000

R See section on marking Marking mode

RC55 RC510 RTM7

RC65 RC610 RTM7

RTM7 RC810 RCAL85

Terminal blocks

Insulation displacement

Ground terminal blocks
electrically connected to
the mounting rail

ADO - Screw-clamp

DIN 3



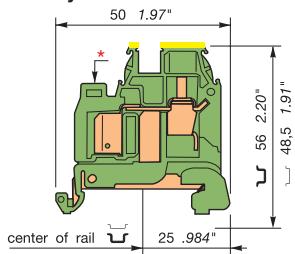
refer to the section "Special Applications" for part numbers and characteristics.

Characteristics and accessories, refer to standard ADO - Screw clamp terminal blocks.

* white marking for wire size 2.5-4 mm² (14-12 AWG)

D 6/8.P.ADO3

Spacing 8 mm + 0.05 .315"
ADO side Screw side
4 mm² / 12 AWG 0.2 - 6 mm²
1 wire only 22 - 8 AWG



Type P/N

Green body / Yellow marking
 D6/8.P.ADO3 1SNA 399 251 R1300

Double deck terminal blocks

Insulation displacement

Ground terminal blocks
electrically connected to
the mounting rail

ADO - Screw-clamp

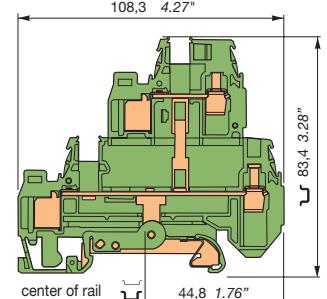
DIN 3



Characteristics and accessories, refer to standard ADO - Screw clamp terminal blocks.

D 4/6.D1.P.ADO

Spacing 6 mm + 0.05 .238"
ADO side Screw side
0.34 - 1.5 mm² 0.2 - 4 mm²
22 - 16 AWG 24 - 12 AWG



Type P/N

Green body / Yellow marking
 D 4/6.D1.P.ADO 1SNA 399 931 R2500

Characteristics

NFC DIN IEC UL/CSA

IEC NFC DIN UL CSA

IEC NFC DIN UL CSA

Rigid 0,2-10 mm² 22-8 AWG

0,2-24 mm² 22-8 AWG

0,2-4 mm² 22-8 AWG

Screw 0,22-6 mm² 22-8 AWG

0,28-1,5 mm² 24-12 AWG

0,22-4 mm² 24-12 AWG

ADO 4 mm² 12 AWG

0,34-1,5 mm² 24-12 AWG

0,28-1,5 mm² 24-12 AWG

Rated current 480 A/1 s.

4 mm²

120 A/1 s.

180 A/1 s.

Rated wire size

12 AWG

1.5 mm²

1.5 mm²

Other characteristics

Wire stripping length Recommended screwdriver Recommended torque Protection

Wire stripping length Recommended screwdriver Recommended torque Protection

Wire stripping length Recommended screwdriver Recommended torque Protection

12 mm 4 mm- 5 mm 0,8-1 Nm IP20

9,5 mm 4 mm 0,5-0,8 Nm IP20

12 mm 4 mm- 5 mm 0,8-1 Nm IP20

.47" .16" - .2" 7.1-8.9 lb.in NEMA 1

.37" .16" 4.4-7.1 lb.in NEMA 1

.37" .16" 4.4-7.1 lb.in NEMA 1

Approvals



Accessories

Type P/N

Accessories

Type P/N

1 End section yellow

FEDAD1 V0 th. 3 mm 1SNA 199 339 R0300

1 End section grey

FED2AD1 V0 th. 3 mm 1SNA 199 417 R1200

grey

FEDAD1 V0 th. 3 mm 1SNA 199 336 R2000

grey

grey

R See section on markers Marking method

RTM7 RC810 RCAL85

RC65 RC610 RTM7

RC65 RC610 RTM7

Insulation displacement

Heavy duty switch terminal blocks with blade

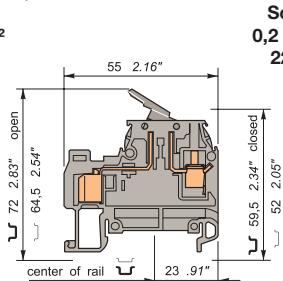
Screw clamp - ADO

□ DIN 3



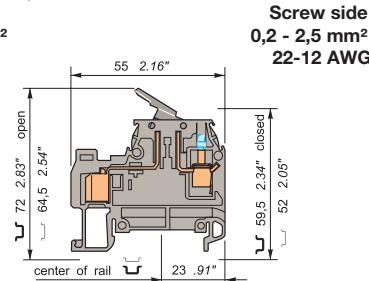
D 2,5/5.SN.ADO

Spacing 5 mm +0,05 .198"
ADO side
0,22 - 1 mm²
24-18 AWG



D 2,5/5.SNT2....ADO

Spacing 5 mm +0,05 .198"
ADO side
0,22 - 1 mm²
24-18 AWG



Colour

Type

Part numbers

Grey □ D 2,5/5.SN.ADO

1SNA 399 226 R0200

Orange ■ D 2,5/5.SN.ADO

1SNA 399 227 R0300

Characteristics

Wire size

	IEC NFC	DIN	UL/CSA
Screw*	Rigid	0,2-4 mm ²	22-12 AWG
	Flexible	0,22-2,5 mm ²	22-12 AWG
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated 320 V 300 V

Impulse withstand 4 kV

Pollution degree 3

Current

Rated 10 A

Wire size

Rated 1 mm² 12/18 AWG

Wire stripping length (screw)	Recommended screwdriver	Recommended torque	protection
9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20
.37"	.137"	3.5-5.3 lb.in	NEMA 1

Characteristics

Wire size

	IEC NFC	DIN	UL/CSA
Screw*	Rigid	0,2-4 mm ²	22-12 AWG
	Flexible	0,22-2,5 mm ²	22-12 AWG
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated 320 V 300 V

Impulse withstand 4 kV

Pollution degree 3

Current

Rated 10 A

Wire size

Rated 1 mm² 12/18 AWG

Wire stripping length (screw)	Recommended screwdriver	Recommended torque	protection
9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20
.37"	.137"	3.5-5.3 lb.in	NEMA 1

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

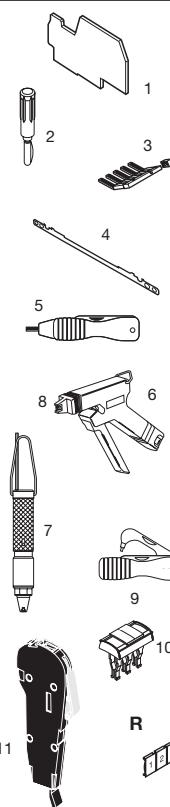
Other end stops, rails and accessories : see section on accessories.

Notes

For two wire connection max., the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point DIA. 2 mm (or DIA. 2.3 mm on block D2,5/5.SFAT23.ADO) on the ADO side of the block.

Accessories



Type

Part numbers

Type

Part numbers

1 End section	grey orange	FEDAD4	th. 2 mm	1SNA 199 352 R0000	FEDAD4	th. 2 mm	1SNA 199 352 R0000
2 Test plug		FEDAD4	th. 2 mm	1SNA 199 353 R0100	FEDAD4	th. 2 mm	1SNA 199 353 R0100
3 Comb-type jumper		FC2	DIA. 2 mm	1SNA 007 865 R2600	FC2	DIA. 2 mm	1SNA 007 865 R2600
Insulating tip		PC5	30 A 2 poles	1SNA 113 542 R1000	PC5	30 A 2 poles	1SNA 113 542 R1000
4 Shield connector		PC5	30 A 10 poles	1SNA 113 544 R1200	PC5	30 A 10 poles	1SNA 113 544 R1200
5 Hand tool kit		EIP		1SNA 113 550 R2400	EIP		1SNA 113 550 R2400
6 Semi-automatic tool		CBD1	th. 0,8 mm	1SNA 179 634 R0600	CBD1	th. 0,8 mm	1SNA 179 634 R0600
7 Pneumatic tool kit		OUMAD		1SNA 179 466 R0600	OUMAD		1SNA 179 466 R0600
8 Replacement head kit		OUPAD		1SNA 178 944 R0400	OUPAD		1SNA 178 944 R0400
9 Extraction tool kit		OUTAD		1SNA 205 710 R1100	OUTAD		1SNA 205 710 R1100
10 Screwless jumper bar		OUTA		1SNA 205 284 R0300	OUTA		1SNA 205 284 R0300
to be inserted into ADO jaw		EXAD2		1SNA 205 721 R0000	EXAD2		1SNA 205 721 R0000
orange IP20		BJAD05.2	13,5 A 2 poles	1SNA 205 955 R0300	BJAD05.2	13,5 A 2 poles	1SNA 205 955 R0300
		BJAD05.3	13,5 A 3 poles	1SNA 205 956 R0400	BJAD05.3	13,5 A 3 poles	1SNA 205 956 R0400
		BJAD05.4	13,5 A 4 poles	1SNA 205 957 R0500	BJAD05.4	13,5 A 4 poles	1SNA 205 957 R0500
		BJAD05.5	13,5 A 5 poles	1SNA 205 958 R1600	BJAD05.5	13,5 A 5 poles	1SNA 205 958 R1600
		BJAD05.10	13,5 A 10 poles	1SNA 205 963 R0300	BJAD05.10	13,5 A 10 poles	1SNA 205 963 R0300
		BJAD05.20	13,5 A 20 poles	1SNA 205 973 R0500	BJAD05.20	13,5 A 20 poles	1SNA 205 973 R0500
		CEADO.5		1SNA 399 345 R1100	CEADO.5		1SNA 399 345 R1100
		CEAOE		1SNA 399 341 R1500	CEAOE		1SNA 399 341 R1500

R See section on markers marking method

RC55 RC510

RC55 RC510

Terminal blocks
Insulation
Displacement
Heavy duty switch connection by blades
Screw clamp - ADO

DIN 3



End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail		35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

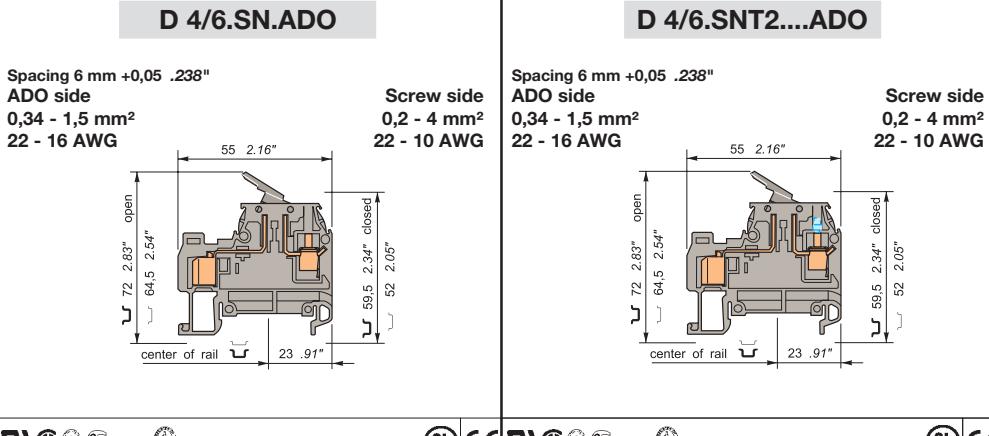
Notes

Standard block 6 mm. For multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA. 2.3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

Accessories

1	End section	grey	FEDAD4	th. 2 mm	1SNA 199 352 R0000
2	Test plug		FC2	DIA. 2 mm	1SNA 007 865 R2600
3	Comb-type jumper bar		PC61	35 A 10 poles	1SNA 163 311 R2200
4	IDC jumper		AD2,5	24 A	1SNA 114 205 R2000
5	Shield connector		CBD1	th. 0,8 mm	1SNA 179 634 R0600
6	Hand tool kit		OUMAD		1SNA 179 466 R0600
7	Semi-automatic tool		OUPAD		1SNA 178 944 R0400
8	Pneumatic tool kit		OUTAD		1SNA 205 710 R1100
9	Replacement head kit		OUTA		1SNA 205 284 R0300
10	Extraction head kit		EXAD2		1SNA 205 721 R0000
11	Screwless jumper bar to be inserted into ADO jaw orange IP20		BJADO6.2	17,5 A 2 poles	1SNA 205 974 R0600
			BJADO6.3	17,5 A 3 poles	1SNA 205 975 R0700
			BJADO6.4	17,5 A 4 poles	1SNA 205 976 R0000
			BJADO6.5	17,5 A 5 poles	1SNA 205 977 R0100
			BJADO6.10	17,5 A 10 poles	1SNA 205 982 R2700
			BJADO6.20	17,5 A 20 poles	1SNA 205 992 R2100
12	Test connector		CEADO.6		1SNA 399 346 R1200
			CEAOE		1SNA 399 341 R1500
9	See section on markers				
8	Marking method				
10					
11					
12					



Colour			Type	Part numbers			Colour			Type	Part numbers		
Grey	<input type="checkbox"/>	D 4/6.SN.ADO	1SNA 199 107 R2400	With DIA. 2 mm screw test socket for test on screw side.	Grey	<input type="checkbox"/>	D 4/6.SNT2.ADO	1SNA 199 235 R2300	With DIA. 2 mm screw test socket for test on screw side.	Orange	<input checked="" type="checkbox"/>	D 4/6.SNT2.ADO	1SNA 199 236 R2400
Orange	<input checked="" type="checkbox"/>	D 4/6.SN.ADO	1SNA 199 108 R0500	With DIA. 2.3 mm screw test socket for test on screw side.	Grey	<input type="checkbox"/>	D 4/6.SNT23.ADO	1SNA 199 229 R0500	With DIA. 2.3 mm screw test socket for test on screw side.				

Characteristics						Characteristics						
Wire size						Wire size						
		IEC NFC DIN	UL	CSA			IEC NFC DIN	UL	CSA			
Screw	Rigid	0,2-4 mm ²	22-10 AWG	22-10 AWG	Screw	Rigid	0,2-4 mm ²	22-10 AWG	22-10 AWG	Screw	Rigid	
	Flexible	0,22-4 mm ²	22-10 AWG	22-10 AWG		Flexible	0,22-4 mm ²	22-10 AWG	22-10 AWG		Flexible	
ADO	Rigid	0,34-1,5 mm ²	22-16 AWG	22-16 AWG	ADO	Rigid	0,34-1,5 mm ²	22-16 AWG	22-16 AWG	ADO	Rigid	
	Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG		Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG		Flexible	
Voltage						Voltage						
Rated		500 V	600 V	600 V		Rated	500 V	600 V	600 V		Rated	500 V
Impulse withstand		6 kV				Impulse withstand	6 kV				Impulse withstand	6 kV
Pollution degree		3				Pollution degree	3				Pollution degree	3
Current						Current						
Rated		10 A	10 A	10 A		NoRatedminale		10 A	10 A	10 A	Rated	10 A
Wire size						Section						
Rated		1,5 mm ²	10/16 AWG	10/16 AWG		Rated		1,5 mm ²	10/16 AWG	10/16 AWG	Rated	1,5 mm ²
Wire stripping lenght (screw)	Recommended screwdriver	Recommennded torque (screw)	Protection			Wire stripping lenght (screw)	Recommended screwdriver	Recommennded torque (screw)	Protection			Wire stripping lenght (screw)
9,5 mm		4 mm	0,5-0,8 Nm	IP 20		9,5 mm		4 mm	0,5-0,8 Nm	IP 20		9,5 mm
.37"		.16"	4,4-7,1 lb.in	NEMA 1		.37"		.16"	4,4-7,1 lb.in	NEMA 1		.37"

Terminal blocks

Insulation

Displacement

Heavy duty switch connection by blades

ADO - Screw clamp

└ DIN 3



Spacing 8 mm +0,05 .315"

ADO side

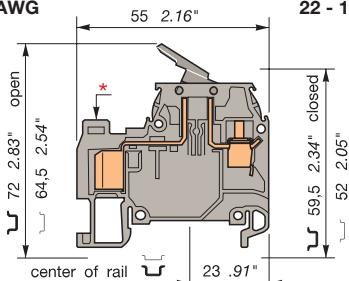
1 - 2,5 mm²

16 - 14 AWG

Screw side

0,2 - 4 mm²

22 - 12 AWG



D 4/8.SN.ADO

Spacing 8 mm +0,05 .315"

ADO side

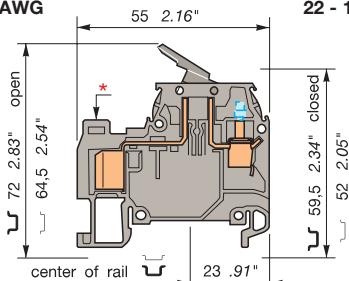
1 - 2,5 mm²

16 - 14 AWG

Screw side

0,2 - 4 mm²

22 - 12 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	D 4/8.SN.ADO	1SNA 199 137 R1100	Grey	D 4/8.SNT2.ADO	1SNA 199 139 R2300
Orange	D 4/8.SN.ADO	1SNA 199 138 R2200	Orange	D 4/8.SNT2.ADO	1SNA 199 140 R0000

With DIA 2 mm screw test socket for test on screw side.

Grey	D 4/8.SNT2.ADO	1SNA 199 139 R2300
Orange	D 4/8.SNT2.ADO	1SNA 199 140 R0000

With DIA 2.3 mm screw test socket for test on screw side.

Grey	D 4/8.SNT23.ADO	1SNA 199 141 R2500
------	-----------------	--------------------

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-6 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	500 V	600 V	600 V
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	15 A	15 A	15 A
-------	------	------	------

Wire size

Rated	2,5 mm ²	10/14 AWG	10/14 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20

Rated	2,5 mm ²	10/14 AWG	10/14 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
.37"	.16"	4.4-7.1 lb.in	NEMA 1

Type

Part numbers

Type	Part numbers	Type	Part numbers		
FEDAD4	th. 2 mm	1SNA 199 352 R0000	FEDAD4	th. 2 mm	1SNA 199 352 R0000
FC2	DIA. 2 mm	1SNA 007 865 R2600	FC2	DIA. 2 mm	1SNA 007 865 R2600
PC81	35 A 10 poles	1SNA 173 523 R1100	PC81	35 A 10 poles	1SNA 173 523 R1100
AD2,5	24 A	1SNA 114 205 R2000	AD2,5	24 A	1SNA 114 205 R2000
OUMAD		1SNA 179 466 R0600	OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400	OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100	OUTAD		1SNA 205 710 R1100
OUTA		1SNA 205 284 R0300	OUTA		1SNA 205 284 R0300
EXAD2		1SNA 205 721 R0000	EXAD2		1SNA 205 721 R0000

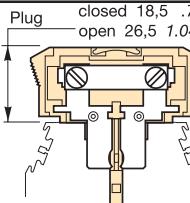
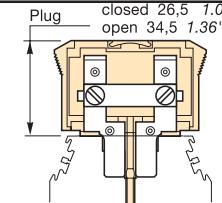
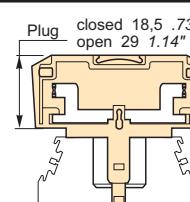
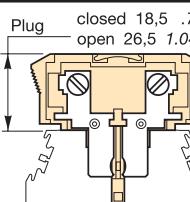
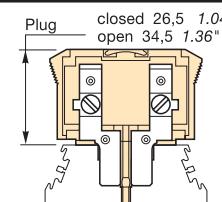
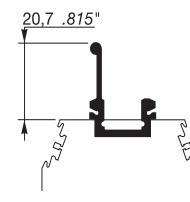
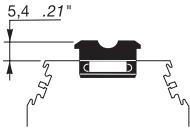
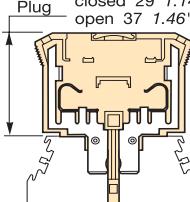
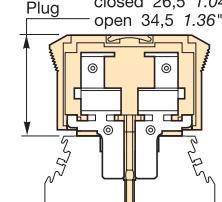
R

See section on markers
Marking method

RC810 RCAL85

RC810 RCAL85

Selection guide for different types of plugs

Types of plugs	Types of fuses	D 2,5/5.S.ADO	D 2,5/5.SFA...ADO	D 4/6.S.ADO	D 4/8.S.ADO
Switching function Short-circuit plug					
Plug with solder tags and screws (1)	Soldered fuses type FUBS - 0,5 to 5 A - 250 V Flat fuses type FUPLV - 1 to 5 A - 250 V				
Fuse holder plug	Automotive miniature fuses (2) type FUAUTO 2 A to 3 A - 32 V maxi			 	
Fuse holder plug	Fuses 5 x 20 type FU520 - 0,5 to 5 A - 250 V Fuses 5 x 25 type FU525 - 1,6 to 6,3 A - 250 V				

Types of fuses

Soldered fuses

FUBS	0,5 A	1SNA 174 893 R1600
FUBS	1 A	1SNA 174 894 R1700
FUBS	2 A	1SNA 174 895 R1000
FUBS	3 A	1SNA 174 896 R1100
FUBS	5 A	1SNA 174 897 R1200

Flat fuses

FUPLV	1 A	1SNA 008 096 R2000
FUPLV	2 A	1SNA 008 097 R2100
FUPLV	5 A	1SNA 008 098 R0200

Fuses 5 x 20 mm

FU520	0,5 A	1SNA 008 288 R1500
FU520	1 A	1SNA 008 290 R1300
FU520	2 A	1SNA 008 291 R0000
FU520	3,15 A	1SNA 008 289 R1600
FU520	5 A	1SNA 008 292 R0100

Automotive miniature fuses

FUAUTO	2 A	1SNA 179 879 R1400
FUAUTO	3 A	1SNA 179 880 R0200

Fuses 5 x 25 mm

FU525	1,6 A	1SNA 167 546 R2200
FU525	2 A	1SNA 167 547 R2300
FU525	2,5 A	1SNA 167 548 R0400
FU525	4 A	1SNA 167 549 R0500
FU525	6,3 A	1SNA 167 550 R0200

Nota : (1) Compatible with electronic components max.diameter or thickness for components : - plug BNSV62 : 4 mm/.157" max.
- plug BNSV82 : 6 mm/.236"max.

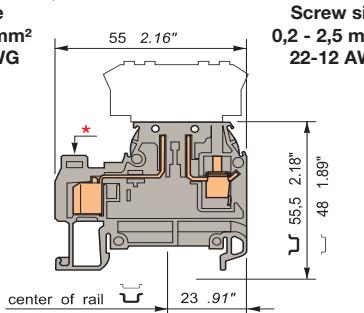
(2) For all fuses, the dissipated load should remain under 0,8 W. (3) with led 24 V AC/DC. (4) with led 48 V AC/DC. (5) avec neon lamp 110-230 V AC/DC.

Terminal blocks
Insulation
displacement
Heavy duty switch
blocks with plug
Screw clamp - ADO

DIN 3

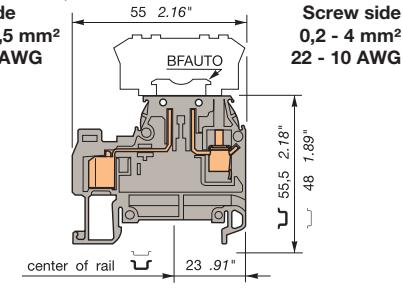


Spacing 5 mm +0,05 .198"
 ADO side
 0,22 - 1 mm²
 24-18 AWG



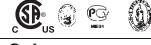
D 2,5/5.S.ADO

Spacing 6 mm +0,05 .238"
 ADO side
 0,34 - 1,5 mm²
 22 - 16 AWG



D 4/6.S.ADO

Switch connection block 6 mm by polarized plug, delivered separately.



Colour	Type	Part number
Grey	D 2,5/5.S.ADO	1SNA 399 234 R0200

Colour	Type	Part number
Grey	D 4/6.S.ADO	1SNA 199 067 R2600

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2-4 mm ²	22-12 AWG
	Flexible	0,22-2,5 mm ²	22-12 AWG
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	320 V (3)	300 V (3)
Impulse withstand	4 kV	
Pollution degree	3	

Voltage

Rated	500 V (3)	600 V (3)	600 V (3)
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	10 A
Impulse withstand	4 kV

Current

Rated	10 A	10 A	15 A
Impulse withstand	6 kV		

Wire size

Rated	1 mm ²
Impulse withstand	4 kV

Wire size

Rated	1,5 mm ²	10/16 AWG	10/16 AWG
Impulse withstand	6 kV		

Wire size

Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20
.37"	.137"	3,5-5,3 lb.in	NEMA 1

Wire size

Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.16"	4,4-7,1 lb.in	NEMA 1

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

5 mm and 6 mm blocks. For multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

* Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)

Accessories

	Type	Part numbers	Type	Part numbers
1	End section	grey	FEDAD4	th. 2 mm
2	Comb-type jumper bar	orange	FEDAD4	th. 2 mm
3	Insulating tip		PC5	30 A 2 poles
4	IDC jumper		PC5	30 A 10 poles
5	Fuse-holder plug	ivory	EIP	
6	Plug extractor		BNS.D5	th. 5 mm
7	Soldered fuses		EXBN2	
8	Short-circuit plug		FUBS	0,5 A
9	Fuse-holder plug (for soldered fuses or flat fuses)		FUBS	1 A
10	Fuse-holder plug (automotive)		FUBS	2 A
11	Fuse-holder plug (for 5x20 or 5x25 fuses) (2)		FUBS	3 A
12	BNF652 with LED 48V AC/DC		FUBS	5 A
13	BNF652 with LED 24V AC/DC		BNC62 (2)	th. 6 mm
14	BNF652 with neon lamp 110-230V AC/DC		BNSV62 (2)	th. 6 mm
15	Shield connector		BFAUTO	V0 black
16	Hand tool kit		BNF652 D (1) V0	th. 6 mm
17	Semi-automatic tool		BNF652 D1 (1)V0	th. 6 mm
18	Pneumatic tool kit		BNF652 L (1) V0	th. 6 mm
19	Replacement head kit		CBD1	th. 0,8 mm
20	Extraction tool kit		OUMAD	
21	Screwless jumper bar to be inserted into ADO jaw	orange IP20	OUPAD	
22			OUTAD	
23			OUTA	
24			EXAD2	
25			BJADO5.2	13,5 A 2 poles
26			BJADO5.3	13,5 A 3 poles
27			BJADO5.4	13,5 A 4 poles
28			BJADO5.5	13,5 A 5 poles
29			BJADO5.10	13,5 A 10 poles
30			BJADO5.20	13,5 A 20 poles
31			CEADO.5	
32			CEAOE	
33	R See section on markers marking method		RC55	
34			RC510	
35			RC610	
36			RC65	

(1) Leakage current with LED 24 V or 48 V : < 1,6 mA and with neon lamp 110 or 230 VAC/DC : < 0,5 mA.

(2) See selection guide for dimensions of plugs and type of fuses to use.

(3) Terminal block insulating voltage, working voltage according to fuse.

Terminal blocks

Insulation Displacement

Heavy duty switch blocks with plug

ADO - Screw clamp

ADO - Double screw clamp

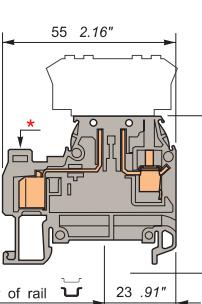
DIN 3



Spacing 8 mm +0,05 .315"

ADO side
1 - 2,5 mm²
16 - 14 AWG

D 4/8.S.ADO

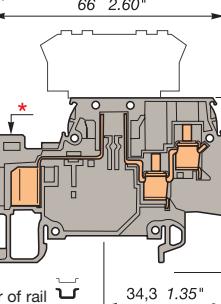


Screw side
0,2 - 4 mm²
22 - 10 AWG

Spacing 8 mm +0,05 .315"

ADO side
1 - 2,5 mm²
16 - 14 AWG

D 4/8.S.2A.ADO2



Screw side
0,2 - 4 mm²
22 - 12 AWG

Switch connection block 8 mm by polarized plug, delivered separately.



Colour Type Part number

Grey □ D 4/8.S.ADO 1SNA 199 215 R2700



Colour Type Part number

Grey □ D 4/8.S.2A.ADO2 1SNA 399 940 R1200

Orange □ D 4/8.S.2A.ADO2 1SNA 399 942 R0000

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw Rigid	0,2-6 mm ²	22-10 AWG	22-10 AWG
Screw Flexible	0,22-4 mm ²	22-10 AWG	22-10 AWG
ADO Rigid	1-2,5 mm ²	16-14 AWG	16-14 AWG
ADO Flexible	1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Rated 500 V (2) 600 V (2) 600 V (2)

Impulse withstand 6 kV

Pollution degree 3

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw Rigid	0,2-4 mm ²	22-12 AWG	22-12 AWG
Screw Flexible	0,22-4 mm ²	22-12 AWG	22-12 AWG
ADO Rigid	1-2,5 mm ²	16-14 AWG	16-14 AWG
ADO Flexible	1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Rated 500 V (2) 600 V (2) 600 V (2)

Impulse withstand 6 kV

Pollution degree 3

Current

Rated 15 A 15 A 15 A

Section

Rated 2,5 mm² 10/16 AWG 10/16 AWG

Current

Rated 10 A 10 A 10 A

Wire size

	2,5 mm ²	14 AWG	14 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.16"	4.4-7.1 lb.in	NEMA 1

	2,5 mm ²	14 AWG	14 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.16"	4.4-7.1 lb.in	NEMA 1

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

8 mm blocks. For multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

* Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)

Accessories

1	End section grey orange	FEDAD4	th. 2 mm	1SNA 199 352 R000	FEDAD11	th. 3 mm	1SNA 399 937 R2300
2	Comb-type jumper bar	PC61	35 A 10 poles	1SNA 163 311 R2200	FEDAD11	th. 3 mm	1SNA 399 939 R0500
3	IDC jumper	AD2,5	24 A	1SNA 114 205 R2000	PC81		1SNA 173 523 R1100
4	Short-circuit plug (1)	BNCT82	th. 8 mm	1SNA 196 926 R0500	AD2,5	24 A	1SNA 114 205 R2000
5	Fuse holder plug (for soldered fuses or flat fuses) (1)	BNSV82	th. 8 mm	1SNA 196 927 R0600	BNCT82	th. 8 mm	1SNA 196 926 R0500
6	Fuse holder plug (for 5 x 20 or 5 x 25 fuses) (1)	BNF52	th. 8 mm	1SNA 196 924 R0300	BNSV82	th. 8 mm	1SNA 196 927 R0600
7	Plug extractor	EXBN2		1SNA 171 018 R2000	BNF52	th. 8 mm	1SNA 196 924 R0300
8	Hand tool kit	OUMAD		1SNA 179 466 R0600	EXBN2		1SNA 171 018 R2000
9	Semi-automatic tool	OUPAD		1SNA 178 944 R0400	OUMAD		1SNA 179 466 R0600
10	Pneumatic tool kit	OUTAD		1SNA 205 710 R1100	OUPAD		1SNA 178 944 R0400
11	Replacement head kit	OUTA		1SNA 205 284 R0300	OUTAD		1SNA 205 710 R1100
12	Extraction head kit	EXAD2		1SNA 205 721 R0000	OUTA		1SNA 205 284 R0300
R	See section on markers Marking method	RCAL85 RC810			EXAD2		1SNA 205 721 R0000

(1) See selection guide for dimensions of plugs and type of fuses to use.

(2) Terminal block insulating voltage, working voltage according to fuse.

Insulation displacement

Heavy duty switch terminal blocks with fuse-holder plug for automotive

Mini Fuse

Screw clamp - ADO

DIN 3



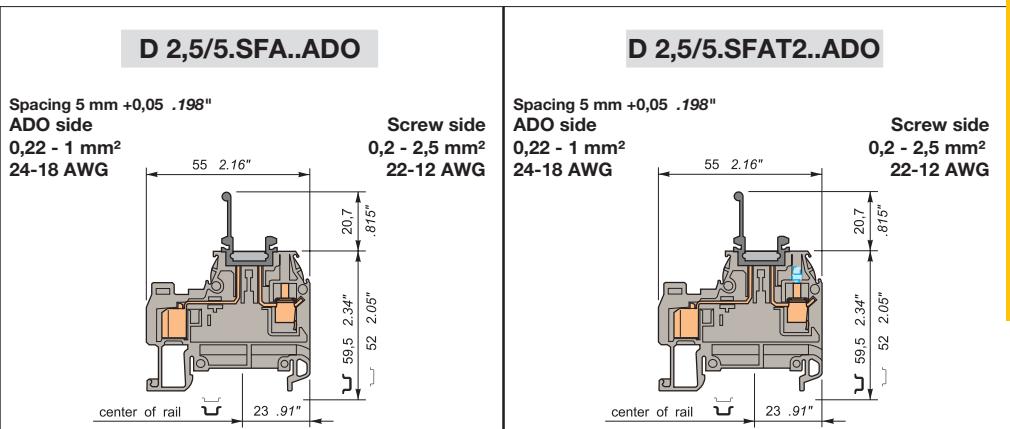
End stop	U	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	U U	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	U U	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	U	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	U	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	U	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

For two wire connection max., the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 VO.

All switch terminal blocks offer a test point DIA. 2 mm (or DIA. 2.3 mm on block D2,5/5.SFAT23.ADO) on the ADO side of the block.



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	D 2,5/5.SFA..ADO	1SNA 399 236 R0400	With DIA. 2 mm screw test socket for test on screw side.		
Orange	D 2,5/5.SFA..ADO	1SNA 399 237 R0500	Grey	D 2,5/5.SFAT2..ADO	1SNA 399 238 R1600

Characteristics

Wire size		IEC		UL/CSA	
		NFC	DIN		
Screw*	Rigid	0,2-4 mm ²		22-12 AWG	
	Flexible	0,22-2,5 mm ²		22-12 AWG	
ADO	Rigid	0,2-1 mm ²		24-18 AWG	
	Flexible	0,22-1 mm ²		24-18 AWG	

Voltage

Rated	500 V (1)	150 V (1)	Rated	500 V (1)	150 V (1)
Impulse withstand	6 kV		Impulse withstand	6 kV	
Pollution degree	3		Pollution degree	3	

Current

Rated	3 A		Rated	3 A	
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Wire size

Rated	1 mm ²			Rated	1 mm ²		
Wire stripping length (screw)	Recommended screwdriver	Recommended torque	protection	Wire stripping length (screw)	Recommended screwdriver	Recommended torque	protection
9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20	9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20
.37"	.137"	3.5-5.3 lb.in	NEMA 1	.37"	.137"	3.5-5.3 lb.in	NEMA 1

Accessories

Type	Part numbers	Type	Part numbers
1 End section	grey orange	FEDAD4	th. 2 mm 1SNA 199 352 R0000
2 Test plug		FEDAD4	th. 2 mm 1SNA 199 353 R0100
3 Comb-type jumper		FC2	DIA. 2 mm 1SNA 007 865 R2600
4 Fuse-holder plug	black	PC5	2 poles 1SNA 113 542 R1000
5 Mini Fuse - 32 V max.		PC5	10 poles 1SNA 113 544 R1200
6 Shield connector		BF5AUTO	1SNA 299 877 R0300
7 Hand tool kit		FUAUTO	2 A 1SNA 179 879 R1400
8 Semi-automatic tool		FUAUTO	3 A 1SNA 179 880 R0200
9 Pneumatic tool kit		CBD1	th. 0,8 mm 1SNA 179 634 R0600
10 Replacement head kit		OUMAD	1SNA 179 466 R0600
11 Extraction tool kit		OUPAD	1SNA 178 944 R0400
12 Screwless jumper bar to be inserted into ADO jaw	orange IP20	OUTAD	1SNA 205 710 R1100
13 Test connector		OUTA	1SNA 205 284 R0300
		EXAD2	1SNA 205 721 R0000
		BJADO5.2	13,5 A 2 poles 1SNA 205 955 R0300
		BJADO5.3	13,5 A 3 poles 1SNA 205 956 R0400
		BJADO5.4	13,5 A 4 poles 1SNA 205 957 R0500
		BJADO5.5	13,5 A 5 poles 1SNA 205 958 R1600
		BJADO5.10	13,5 A 10 poles 1SNA 205 963 R0300
		BJADO5.20	13,5 A 20 poles 1SNA 205 973 R0500
		CEADO.5	1SNA 399 345 R1100
		CEAOE	1SNA 399 341 R1500
		RC55	
		RC510	
		RC55	
		RC510	

(1) Terminal block insulating voltage. Working voltage according to fuse (32 V max.).

Terminal blocks Insulation Displacement

Fuse blocks for
5 x 20 mm and 5 x 25 mm fuses
Open in the opposite direction
ADO - Screw clamp

 DIN 3

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail		35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200

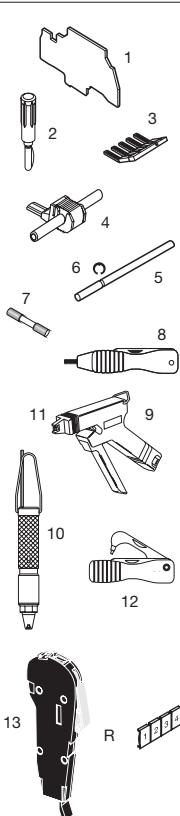
Other end stops, rails and accessories : see section on accessories.

Notes

Standard block 8 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA. 2,3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

Accessories

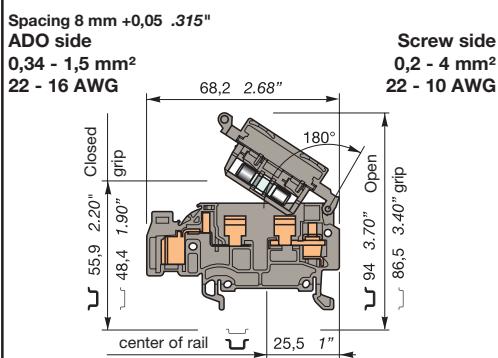


- 1 End section grey
2 Test plug
3 Comb-type jumper bar
4 IDC jumper
5 Assembly rod
6 Assembly ring
7 5x20 fuses - 250 V
8 Hand tool kit
9 Semi automatic kit
10 Pneumatic tool kit
11 Replacement head kit
12 Extraction tool kit
13 Test connector

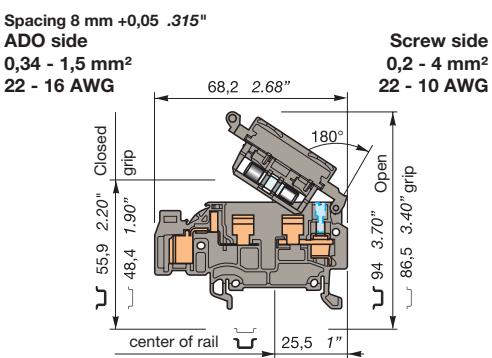
R See section on marking
Marking method



D 4/8.SF.I.ADO



D 4/8.SFT2.I.ADO



Color	Type	Part numbers
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Grey **D 4/8.SF.I.ADO** 1SNA 399 785 R0300
Orange **D 4/8.SF.I.ADO** 1SNA 399 786 R0400



Color	Type	Part number
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With DIA. 2 mm screw test socket for test on screw side.
Grey **D 4/8.SFT2.I.ADO** 1SNA 399 777 R1200

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	0,34-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG

Voltage

Rated	630 V (1)	600 V (1)	600 V (1)
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	6,3 A	10 A	10 A
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Wire size

Rated	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	.4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

Type

Part numbers

Type	Part numbers	Type	Part numbers
FEDAD10	th. 1,5 mm 1SNA 399 758 R2700	FEDAD10	th. 1,5 mm 1SNA 399 758 R2700
FC2 V2	DIA. 2 mm 1SNA 007 865 R2600	FC2 V2	DIA. 2 mm 1SNA 007 865 R2600
PC81 V2	35A 10 poles 1SNA 173 523 R1100	PC81 V2	35A 10 poles 1SNA 173 523 R1100
AD2,5 V2	24A 1SNA 114 205 R2000	AD2,5 V2	24A 1SNA 114 205 R2000
TGA8	2 poles 1SNA 168 672 R1100	TGA8	2 poles 1SNA 168 672 R1100
TGA8	3 poles 1SNA 168 673 R1200	TGA8	3 poles 1SNA 168 673 R1200
TGA8	4 poles 1SNA 168 674 R1300	TGA8	4 poles 1SNA 168 674 R1300
ANT	1SNA 168 675 R1400	ANT	1SNA 168 675 R1400
FU520	0,5A 1SNA 008 288 R1500	FU520	0,5A 1SNA 008 288 R1500
FU520	1A 1SNA 008 290 R1300	FU520	1A 1SNA 008 290 R1300
FU520	2A 1SNA 008 291 R0000	FU520	2A 1SNA 008 291 R0000
FU520	3,15A 1SNA 008 289 R1600	FU520	3,15A 1SNA 008 289 R1600
FU520	5A 1SNA 008 292 R0100	FU520	5A 1SNA 008 292 R0100
FU525	1,6A 1SNA 167 546 R2200	FU525	1,6A 1SNA 167 546 R2200
FU525	2A 1SNA 167 547 R2300	FU525	2A 1SNA 167 547 R2300
FU525	2,5A 1SNA 167 548 R0400	FU525	2,5A 1SNA 167 548 R0400
FU525	4A 1SNA 167 549 R0500	FU525	4A 1SNA 167 549 R0500
FU525	6,3A 1SNA 167 550 R0200	FU525	6,3A 1SNA 167 550 R0200
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100	OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300	OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000	EXAD2	1SNA 205 721 R0000
CEADO.8	1SNA 399 348 R2400	CEADO.8	1SNA 399 348 R2400
CEAOE	1SNA 399 341 R1500	CEAOE	1SNA 399 341 R1500

Section

Part numbers

RATED	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	.4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

(1) Terminal block insulation voltage.
Working voltage according to fuse.

Terminal blocks

Insulation

Displacement



Fuses block for 5 x 20 mm
and 5 x 25 mm

Open in the opposite direction

ADO - Screw clamp

DIN 1 - 3

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail		35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200

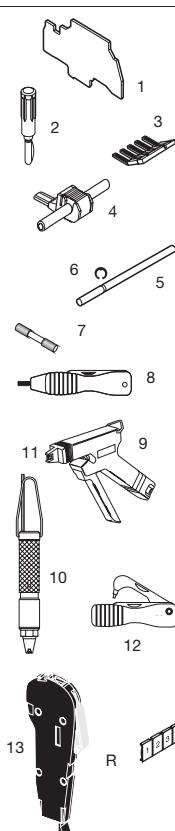
Other end stops, rails and accessories : see section on accessories.

Notes

Standard bloc 8 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA. 2,3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

Accessories



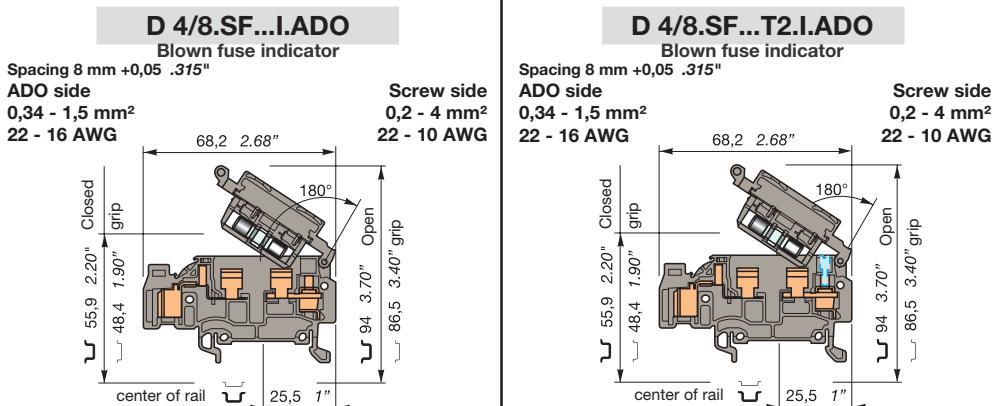
Type	Part numbers	Type	Part numbers
1 End section	grey	FEDAD10	th. 1,5 mm 1SNA 399 758 R2700
2 Test plug		FC2	DIA. 2 mm 1SNA 007 865 R2600
3 Comb-type jumper bar		PC81	35 A 10 poles 1SNA 173 523 R1100
4 IDC jumper		AD2,5	24 A 1SNA 114 205 R2000
5 Assembly rod		TGA8	2 poles 1SNA 168 672 R1100
6 Assembly ring		TGA8	3 poles 1SNA 168 673 R1200
7 5x20 fuses - 250 V		TGA8	4 poles 1SNA 168 674 R1300
5x25 fuses - 250 V		ANT	1SNA 168 675 R1400
8 Hand tool kit		FU520	0,5 A 1SNA 008 288 R1500
9 Semi automatic kit		FU520	1 A 1SNA 008 290 R1300
10 Pneumatic tool kit		FU520	2 A 1SNA 008 291 R0000
11 Replacement head kit		FU520	3,15 A 1SNA 008 289 R1600
12 Extraction tool kit		FU520	5 A 1SNA 008 292 R0100
13 Test connector		FU525	1,6 A 1SNA 167 546 R2200
		FU525	2 A 1SNA 167 547 R2300
		FU525	2,5 A 1SNA 167 548 R0400
		FU525	4 A 1SNA 167 549 R0500
		FU525	6,3 A 1SNA 167 550 R0200
		OUMAD	1SNA 179 466 R0600
		OUPAD	1SNA 178 944 R0400
		OUTAD	1SNA 205 710 R1100
		OUTA	1SNA 205 284 R0300
		EXAD2	1SNA 205 721 R0000
		CEADO.8	1SNA 399 348 R2400
		CEAOE	1SNA 399 341 R1500

(1) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0,5 mA (110 V) - < 0,7 mA (230 V)).

(2) Blown-fuse indicator by LED 24 V (+24V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).

(3) Blown-fuse indicator by LED 48 V (+48V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).

R See section on marking
Marking method



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey (1)	<input type="checkbox"/> D 4/8.SFL.I.ADO	1SNA 399 780 R1200	Grey (1)	<input type="checkbox"/> D 4/8.SFLT2.I.ADO	1SNA 399 856 R0200
Grey (2)	<input type="checkbox"/> D 4/8.SFD.I.ADO	1SNA 399 781 R0700	Grey (2)	<input type="checkbox"/> D 4/8.SFDT2.I.ADO	1SNA 399 782 R0000
Grey (3)	<input type="checkbox"/> D 4/8.SFD1.I.ADO	1SNA 399 783 R0100	Grey (3)	<input type="checkbox"/> D 4/8.SFD1T2.I.ADO	1SNA 399 784 R0200

Characteristics				Characteristics			
Wire size				Wire size			
	IEC NFC DIN	UL	CSA		IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG	Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG		Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	0,34-1,5 mm ²	22-16 AWG	ADO	Rigid	0,34-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG		Flexible	0,34-1,5 mm ²	22-16 AWG

Voltage				Voltage			
Rated	500 V	600 V	600 V	Rated	500 V	600 V	600 V
Impulse withstand	6 kV			Impulse withstand	6 kV		
Pollution degree	3			Pollution degree	3		
Current				Current			
Rated	6,3 A	10 A	10 A	Rated	6,3 A	10 A	10 A
Wire size				Wire size			
Rated / Gauge	1,5 mm ²	10/16 AWG	10/16 AWG	Rated / Gauge	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	protection	Wire stripping length	Recommended screwdriver	Recommended torque	protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20	9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.16"	4.4-7.1 lb.in	NEMA 1	.37"	.16"	4.4-7.1 lb.in	NEMA 1

Terminal blocks

Insulation Displacement

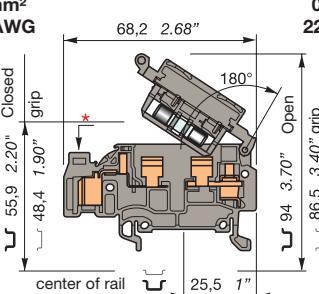
Fuse blocks for
5 x 20 mm and 5 x 25 mm fuses
Open in the opposite direction
ADO - Screw clamp

└ DIN 3



Spacing 8 mm +0,05 .315"

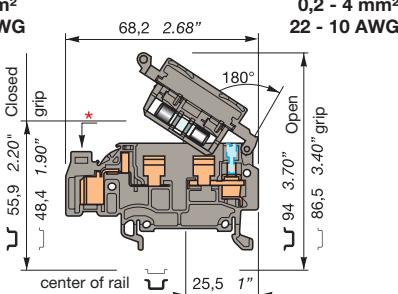
ADO side

1 - 2,5 mm²
16 - 14 AWGScrew side
0,2 - 4 mm²
22 - 10 AWG

D 4/8.SFT2.I.ADO2

Spacing 8 mm +0,05 .315"

ADO side

1 - 2,5 mm²
16 - 14 AWGScrew side
0,2 - 4 mm²
22 - 10 AWG

Color	Type	Part numbers
Grey	D 4/8.SF.I.ADO2	1SNA 399 763 R1400
Orange	D 4/8.SF.I.ADO2	1SNA 399 764 R1500

Color	Type	Part number
With DIA. 2 mm screw test socket for test on screw side.		

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	630 V (1)	600 V (1)	600 V (1)
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	6,3 A	10 A	10 A
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Wire size

Rated	1,5 mm ²	10/14 AWG	10/14 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

Section

Rated	1,5 mm ²	10/14 AWG	10/14 AWG
-------	---------------------	-----------	-----------

Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

Type

Part numbers

FEDAD10	th. 1,5 mm	1SNA 399 758 R2700	FEDAD10	th. 1,5 mm	1SNA 399 758 R2700
FC2	V2	DIA. 2 mm	FC2	V2	DIA. 2 mm
PC81	V2	35 A 10 poles	PC81	V2	35 A 10 poles
AD2,5	V2	24 A	AD2,5	V2	24 A
TGA8		2 poles	TGA8		2 poles
TGA8		3 poles	TGA8		3 poles
TGA8		4 poles	TGA8		4 poles
ANT		1SNA 168 675 R1400	ANT		1SNA 168 675 R1400
FU520		0,5 A	FU520		0,5 A
FU520		1 A	FU520		1 A
FU520		2 A	FU520		2 A
FU520		3,15 A	FU520		3,15 A
FU520		5 A	FU520		5 A
FU525		1,6 A	FU525		1,6 A
FU525		2 A	FU525		2 A
FU525		2,5 A	FU525		2,5 A
FU525		4 A	FU525		4 A
FU525		6,3 A	FU525		6,3 A
OUMAD		1SNA 179 466 R0600	OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400	OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100	OUTAD		1SNA 205 710 R1100
OUTA		1SNA 205 284 R0300	OUTA		1SNA 205 284 R0300
EXAD2		1SNA 205 721 R0000	EXAD2		1SNA 205 721 R0000

Type

Part numbers

RC810	RCAL85	RC610	on grip	RC810	RCAL85	RC610	on grip
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(1) Terminal block insulation voltage.
Working voltage according to fuse.

Other end stops, rails and accessories : see section on accessories.

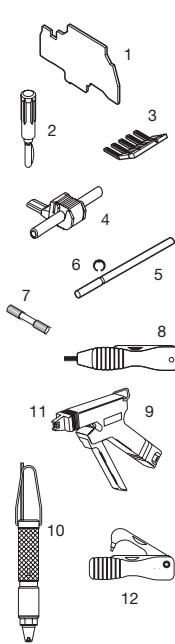
Notes

Standard block 8 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA. 2,3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

*-Black marking +2notches for wire size 1 - 2,5 mm²(16 - 14 AWG)

Accessories



1 End section	grey
2 Test plug	
3 Comb-type jumper bar	
4 IDC jumper	
5 Assembly rod	
6 Assembly ring	
7 5x20 fuses - 250 V	
8 Hand tool kit	
9 Semi automatic kit	
10 Pneumatic tool kit	
11 Replacement head kit	
12 Extraction tool kit	
R	See section on marking Marking method

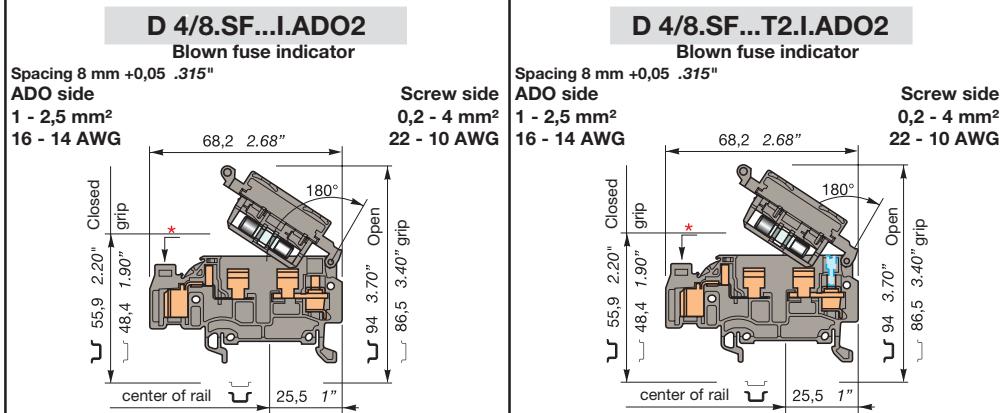
Terminal blocks

Insulation Displacement



Fuse blocks for
5 x 20 mm and 5 x 25 mm fuses
Open in the opposite direction
ADO - Screw clamp

DIN 3



Color	Type	Part numbers	Color	Type	Part number
Grey (1)	D 4/8.SFL.I.ADO2	1SNA 399 767 R1000	With DIA. 2 mm screw test socket for test on screw side.		
Grey (2)	D 4/8.SFD.I.ADO2	1SNA 399 769 R2200	Grey (1)	D 4/8.SFLT2.I.ADO2	1SNA 399 768 R2100
Grey (3)	D 4/8.SFD1.I.ADO	1SNA 399 771 R1400	Grey (2)	D 4/8.SFDT2.I.ADO2	1SNA 399 770 R2700
			Grey (3)	D 4/8.SFD1T2.I.ADO2	1SNA 399 772 R1500

Characteristics

Wire size

	IEC NFC DIN	UL	CSA		IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG	Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG		Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG	ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG		Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	500 V (1)	600 V (1)	600 V (1)	Rated	500 V (1)	600 V (1)	600 V (1)
Impulse withstand	6 kV			Impulse withstand	6 kV		
Pollution degree	3			Pollution degree	3		

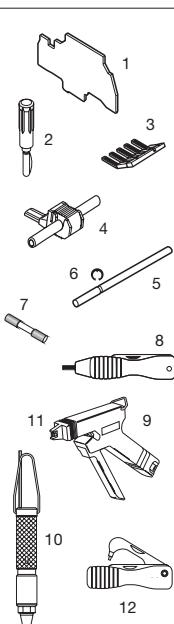
Current

Rated	6,3 A	10 A	10 A	Rated	6,3 A	10 A	10 A
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Wire size

Rated	2,5 mm ²	10/14 AWG	10/14 AWG	Rated	2,5 mm ²	10/14 AWG	10/14 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection	Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20	9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.16"	4.4-7.1 lb.in	NEMA 1	.37"	.16"	4.4-7.1 lb.in	NEMA 1

Accessories



(1) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0,5 mA (110 V) - < 0,7 mA (230 V)).

(2) Blown-fuse indicator by LED 24 V (+24V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).

(3) Blown-fuse indicator by LED 48 V (+48V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).

RC810 RCAL85 RC610 on grip

RC810 RCAL85 RC610 on grip

(1) Terminal block insulation voltage.
Working voltage according to fuse.

R See section on marking
Marking method

Terminal blocks

Insulation Displacement

"Neutral" switch block

Open in the opposite direction

ADO - Screw clamp

DIN 3

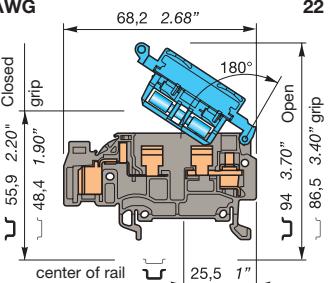


D 4/8.SNN.I.ADO

Spacing 8 mm +0,05 .315"

ADO side
0,34 - 1,5 mm²
22 - 16 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG

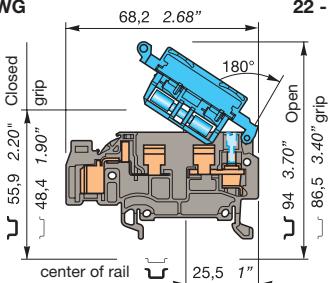


D 4/8.SNNT2.I.ADO

Spacing 8 mm +0,05 .315"

ADO side
0,34 - 1,5 mm²
22 - 16 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG



Colour	Type	Part number	Colour	Type	Part number
Grey body / Blue grip	D 4/8.SNN.I.ADO	1SNA 399 778 R2300	With DIA. 2 mm screw test socket for test on screw side.		
Grey body / Blue grip	D 4/8.SNNT2.I.ADO	1SNA 399 779 R2400	Grey body / Blue grip		

Characteristics

Wire size

	IEC NFC DIN	UL	CSA		IEC NFC DIN	UL	CSA
Screw	Rigid 0,2-4 mm ²	22-10 AWG	22-10 AWG	Screw	Rigid 0,2-4 mm ²	22-10 AWG	22-10 AWG
	Flexible 0,22-4 mm ²	22-10 AWG	22-10 AWG		Flexible 0,22-4 mm ²	22-10 AWG	22-10 AWG
ADO	Rigid 0,34-1,5 mm ²	22-16 AWG	22-16 AWG	ADO	Rigid 0,34-1,5 mm ²	22-16 AWG	22-16 AWG
	Flexible 0,34-1,5 mm ²	22-16 AWG	22-16 AWG		Flexible 0,34-1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	630 V	600 V	600 V	Rated	630 V	600 V	600 V
Impulse withstand	8 kV			Impulse withstand	8 kV		
Pollution degree	3			Pollution degree	3		

Current

Rated	10 A	10 A	10 A	Rated	10 A	10 A	10 A
-------	------	------	------	-------	------	------	------

Wire size

Rated	1,5 mm ²	10/16 AWG	10/16 AWG	Rated	1,5 mm ²	10/16 AWG	10/16 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection	Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20	9,5 mm	4 mm	0,5-0,8 Nm	IP 20
.37"	.16"	4.4-7.1 lb.in	NEMA 1	.37"	.16"	4.4-7.1 lb.in	NEMA 1

Accessories

	Type	Part numbers	Type	Part numbers
1 End section	grey	FEDAD10 th. 1,5 mm 1SNA 399 758 R2700	FEDAD10 th. 1,5 mm 1SNA 399 758 R2700	
2 Test plug		FC2 DIA. 2 mm 1SNA 007 865 R2600	FC2 DIA. 2 mm 1SNA 007 865 R2600	
3 Comb-type jumper bar		PC81 35 A 10 poles 1SNA 173 523 R1100	PC81 35 A 10 poles 1SNA 173 523 R1100	
4 IDC jumper		AD2,5 24 A 1SNA 114 205 R2000	AD2,5 24 A 1SNA 114 205 R2000	
5 Assembly rod		TGA8 2 poles 1SNA 168 672 R1100	TGA8 2 poles 1SNA 168 672 R1100	
6 Assembly ring		TGA8 3 poles 1SNA 168 673 R1200	TGA8 3 poles 1SNA 168 673 R1200	
7 Hand tool kit		TGA8 4 poles 1SNA 168 674 R1300	TGA8 4 poles 1SNA 168 674 R1300	
8 Semi automatic tool		ANT 1SNA 168 675 R1400	ANT 1SNA 168 675 R1400	
9 Pneumatic tool kit		OUIMAD 1SNA 179 466 R0600	OUIMAD 1SNA 179 466 R0600	
10 Replacement head kit		OUPAD 1SNA 178 944 R0400	OUPAD 1SNA 178 944 R0400	
11 Extraction tool kit		OUTAD 1SNA 205 710 R1100	OUTAD 1SNA 205 710 R1100	
12 Test connector		OUTA 1SNA 205 284 R0300	OUTA 1SNA 205 284 R0300	
		EXAD2 1SNA 205 721 R0000	EXAD2 1SNA 205 721 R0000	
		CEADO.8 1SNA 399 348 R2400	CEADO.8 1SNA 399 348 R2400	
		CEAOE 1SNA 399 341 R1500	CEAOE 1SNA 399 341 R1500	

Notes

Standard block 8 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA. 2.3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

Terminal blocks

Insulation Displacement

"Neutral" switch block

Open in the opposite direction

ADO - Screw clamp

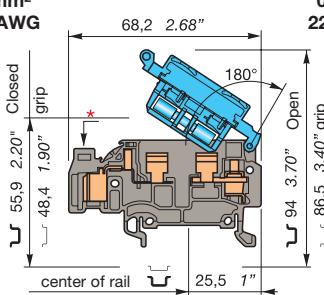
DIN 3



Spacing 8 mm +0,05 .315"

ADO side

1 - 2,5 mm²
16 - 14 AWG



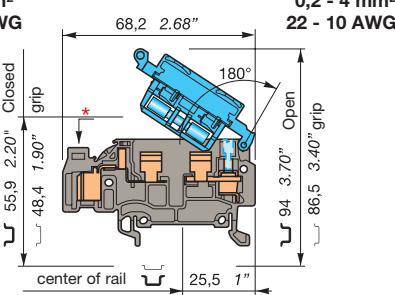
Screw side
0,2 - 4 mm²
22 - 10 AWG

D 4/8.SNNT2.I.ADO2

Spacing 8 mm +0,05 .315"

ADO side

1 - 2,5 mm²
16 - 14 AWG



Screw side
0,2 - 4 mm²
22 - 10 AWG



Color

Type

Part number

Grey body / Blue grip

■ D 4/8.SNN.I.ADO2 1SNA 399 765 R1600

Color

Type

Part number

With DIA. 2 mm screw test socket for test on screw side.

Grey body / Blue grip

■ D 4/8.SNNT2.I.ADO2 1SNA 399 766 R1700

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	630 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	630 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	6,3 A	10 A	10 A
-------	-------	------	------

Current

Rated	6,3 A	10 A	10 A
-------	-------	------	------

Wire size

Rated	1,5 mm ²	10/14 AWG	10/14 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	.4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

Section

Rated	1,5 mm ²	10/14 AWG	10/14 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	.4 mm .16"	0,5-0,8 Nm 4.4-7.1 lb.in	IP 20 NEMA 1

Notes

Standard block 8 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

All switch terminal blocks offer a test point (DIA. 2 mm or DIA 2.3 mm on block D 4/6.SNT23.ADO) on the ADO side of the block.

*-Blackmarking +2 notches for wire size 1-2,5 mm²(16-14 AWG)

Accessories



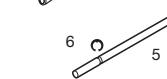
1 End section grey



2 Test plug



3 Comb-type jumper bar



4 IDC jumper



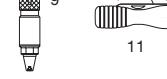
5 Assembly rod



6 Assembly ring



7 Hand tool kit



8 Semi automatic tool



9 Pneumatic tool kit



10 Replacement head kit



11 Extraction tool kit

Type

Part numbers

Type	Part numbers	Type	Part numbers
FEDAD10	th. 1,5 mm 1SNA 399 758 R2700	FEDAD10	th. 1,5 mm 1SNA 399 758 R2700
FC2	DIA. 2 mm 1SNA 007 865 R2600	FC2	DIA. 2 mm 1SNA 007 865 R2600
PC81	35 A 10 poles 1SNA 173 523 R1100	PC81	35 A 10 poles 1SNA 173 523 R1100
AD2,5	24 A 1SNA 114 205 R2000	AD2,5	24 A 1SNA 114 205 R2000
TGA8	2 poles 1SNA 168 672 R1100	TGA8	2 poles 1SNA 168 672 R1100
TGA8	3 poles 1SNA 168 673 R1200	TGA8	3 poles 1SNA 168 673 R1200
TGA8	4 poles 1SNA 168 674 R1300	TGA8	4 poles 1SNA 168 674 R1300
ANT	1SNA 168 675 R1400	ANT	1SNA 168 675 R1400
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100	OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300	OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000	EXAD2	1SNA 205 721 R0000

R See section on markers
Marking method

RC810 RCAL85 RC610 on grip

Type

Part numbers

RC810	RCAL85	RC610 on grip
-------	--------	---------------

Terminal blocks
Insulation
Displacement
with safety connection
ADO - Screw clamp

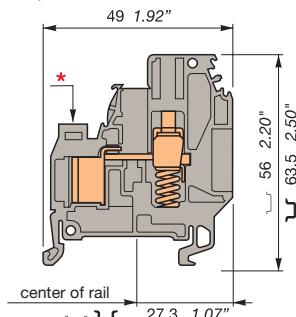



ADO side
1 - 2,5 mm²
16 - 14 AWG

Screw side
0,5 - 6 mm²
20 - 10 AWG

D 6/8.ADO.RS

Spacing 8 mm +0,05 .315"



Screw clamp terminal for bare wire or equipped with bent lug
and ADO wire size.



Accessories



1 End section



2 Test socket



3 Test plug



4 Assembled jumper bar
(without IP20 protection)



5 Assembled jumper bar
(with IP20 protection)



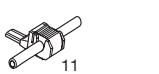
6 Jumper bar not assembled
Post + washer + captive screw IP20



9 Pivoting jumper bar



10 Connector plate



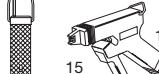
11 IDC jumper



12 Hand tool kit



13 Semi-automatic tool



14 Pneumatic tool kit



15 Replacement head kit



16 Bridging plug



17 Extraction tool kit



18 Test connector

Type

Part number

FEADRS

th. 3 mm 1SNA 296 079 R0300

AL2 (1)

DIA. 2 mm 1SNA 163 043 R2100

AL3 (1)

DIA. 3 mm 1SNA 163 261 R0000

AL4 (1)

DIA. 4 mm 1SNA 163 240 R1700

FC2 (2)

DIA. 2 mm 1SNA 007 865 R2600

FC4 (2)

DIA. 4 mm 1SNA 167 860 R0100

BJM8 (1) 41 A

2 poles 1SNA 168 520 R0500

BJM8 (1) 41 A

3 poles 1SNA 168 521 R2200

BJM8 (1) 41 A

4 poles 1SNA 168 522 R2300

BJM8 (1) 41 A

5 poles 1SNA 168 523 R2400

BJM8 (1) 41 A

10 poles 1SNA 168 974 R0000

BJMI8 (1) 41 A

2 poles 1SNA 176 669 R1600

BJMI8 (1) 41 A

3 poles 1SNA 176 670 R1300

BJMI8 (1) 41 A

4 poles 1SNA 176 671 R0000

BJMI8 (1) 41 A

5 poles 1SNA 176 672 R0100

BJMI8 (1) 41 A

10 poles 1SNA 176 673 R0200

BJS8 41 A

20 poles 1SNA 174 789 R0500

EV6I

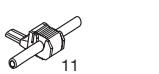
1SNA 206 394 R0200



9 Pivoting jumper bar



10 Connector plate



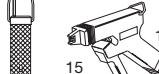
11 IDC jumper



12 Hand tool kit



13 Semi-automatic tool



14 Pneumatic tool kit



15 Replacement head kit



16 Bridging plug



17 Extraction tool kit



18 Test connector

BJP8 (1)(3) 50 A

1SNA 174 448 R0700

EL6 (3) 35 A

1SNA 173 627 R2100

AD2,5 24 A

1SNA 114 205 R2000

OUMAD

1SNA 179 466 R0600

OUPAD

1SNA 178 944 R0400

OUTAD

1SNA 205 710 R1100

OUTA

1SNA 205 284 R0300

BP8.A4 (with AL4)

1SNA 173 888 R2000

EXAD2

1SNA 205 721 R0000

CEADO.8

1SNA 399 348 R2400

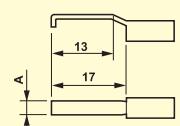
CEAOE

1SNA 399 341 R1500

Each screw-clamp holds 2 bent lugs, as above (not supplied), for connection of wires : 0,28 to 1,5 mm² / 1 to 2,5 mm²

A = 4,45 to 7,45 for size 1

2,9 to 3,2 for size 2



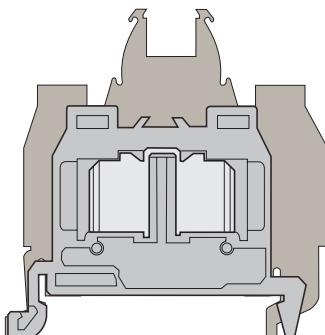
R See section on markers
marking method

RTM7 RC 810 RCAL85

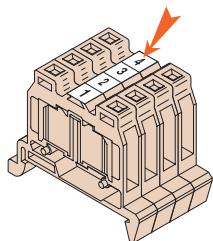
(1) 500 V (IEC) rated voltage with these accessories. (2) Forbidden under explosive atmosphere EEX usage. (3) Only certified for "i" security. (4) See "Notes".

ADO MINI BLOCKS

A reduced size range

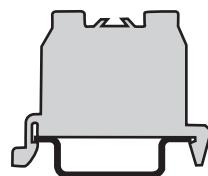


A very legible marking

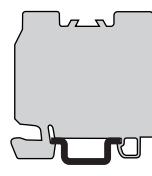


Numerous mounting options

DIN Rail

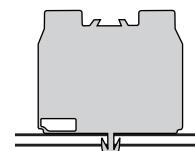


DS=DIN3

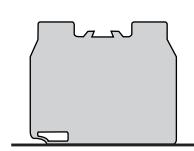


DR=DIN2

Plate



DH = snap-in



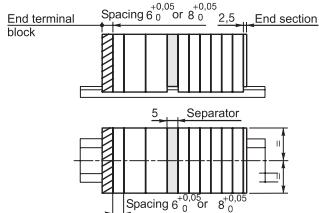
DB = base mount

ADO mini blocks use the same marking technique as standard ENTRELEC terminals, located on the top of the block.

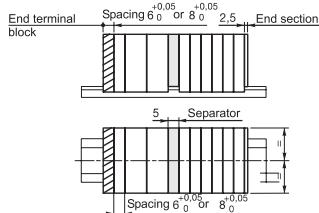
MINI BLOCKS ASSEMBLY AND ACCESSORIES

Rail mounted DIN 2 and DIN 3 :

DIN 3 : DS... ADO



DIN 2 : DR... ADO



At the end of the terminal blocks assembly :

- **End section :** (same accessory for any type of terminal block assembly)

FEAD1 : V/ADO
FEAD2 : ADO/ADO

End section to be mounted directly on the open part of the terminal block.

- **End terminal block :**

DRE... ADO (DIN2)
DSE... ADO (DIN3)

This terminal block has to be mounted at the end of the terminal blocks assembly : it reduces its size, because it suppresses the insulation rib (- 4 mm).

Nota : This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes).

In the terminal blocks assembly :

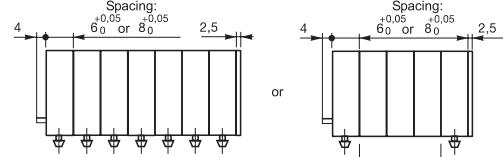
- **Separator :** (same accessory for any type of terminal block assembly)

FEAD5 : V/ADO
FEAD6 : ADO/ADO

Accessory which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

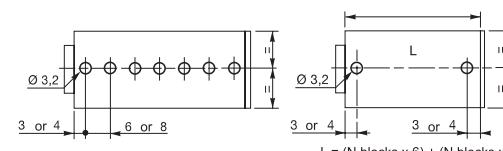
Panel mounted with snap in mounting foot :

Snap in : DH... ADO

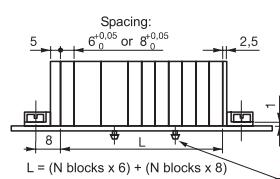


Drilling (plate thickness 0.6 mm to 1.2 mm)

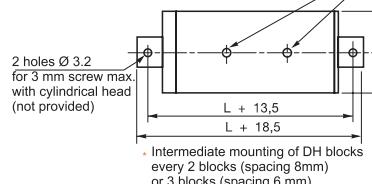
N blocks = 3 blocks max. with 6 mm spacing
2 blocks max. with 8 mm spacing



With screw mounting kit : DB... ADO



Drilling (plate thickness 0.6 to 1.2 mm)



Intermediate mounting of DH blocks
every 2 blocks (spacing 8mm)
or 3 blocks (spacing 6 mm)

Miniblocks

Insulation Displacement



ADO - Screw clamp

DIN 3



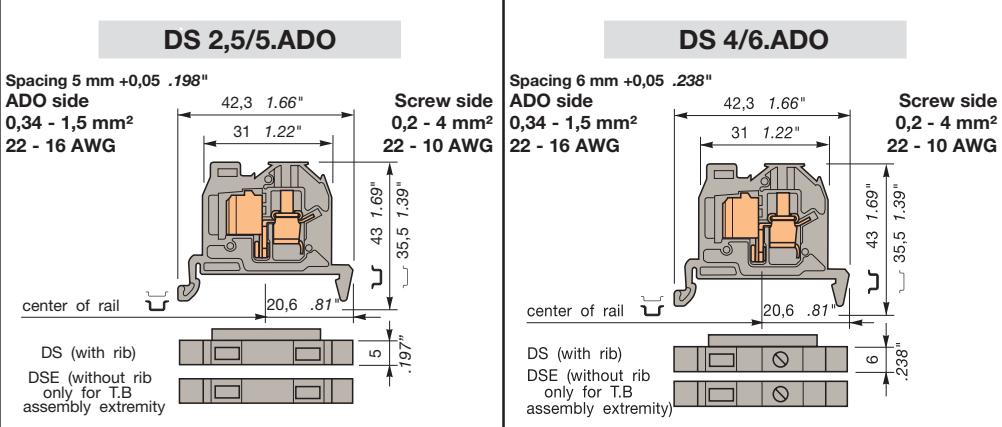
refer to the section "Special Applications" for part numbers and characteristics.

End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail		35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Observations

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.



cUL us			(F)			GL			CE			cUL us			(F)			GL					
Colour	Type	Part numbers	Colour	Type	Part numbers	Colour	Type	Part numbers	Colour	Type	Part numbers	Colour	Type	Part numbers	Colour	Type	Part numbers	Colour	Type	Part numbers			
Grey	■ DS 2,5/5.ADO	1SNA 399 514 R2300	Grey	■ DS 4/6.ADO	1SNA 299 489 R0700	Blue	■ DS 2,5/5.N.ADO	1SNA 399 516 R2500	Blue	■ DS 4/6.N.ADO	1SNA 299 491 R2100	Orange	■ DS 2,5/5.ADO	1SNA 399 515 R2400	Orange	■ DS 4/6.ADO	1SNA 299 490 R0400	Grey	■ DSE 2,5/5.ADO	1SNA 399 518 R0700	Grey	■ DSE 4/6.ADO	1SNA 299 556 R0100

Characteristics						Characteristics									
Wire size						Wire size									
		IEC		UL/CSA			IEC	UL/CSA							
Screw	Rigid	NFC	DIN	0,2 - 4 mm ²	22-12 AWG	Screw	Rigid	NFC	DIN	0,2 - 4 mm ²	22-10 AWG				
	Standed	0,22-2,5 mm ²		22-12 AWG			Standed	0,22-4 mm ²		22-10 AWG					
ADO	Rigid	0,2-1 mm ²		24-18 AWG		ADO	Rigid	0,28-1,5 mm ²		22-16 AWG					
	Standed	0,22-1 mm ²		24-18 AWG			Standed	0,34-1,5 mm ²		22-16 AWG					
Voltage						Voltage									
Rated		800 V		600 V		Rated		800 V		600 V					
Impulse withstand		8 kV				Impulse withstand									
Pollution degree		3				Pollution degree		3							
Current						Current									
Rated		13,5 A		10 A		Rated		17,5 A		20 A					
Wire size						Wire size									
Rated / Gauge		1 mm ²		18 AWG		Rated / Gauge	1,5 mm ²	16-10 AWG							
Wire stripping length	Recommended screwdriver	Recommended torque	Protection	Wire stripping length	Recommended screwdriver	Recommended torque	Protection	Wire stripping length	Recommended screwdriver	Recommended torque	Protection				
9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20	9,5 mm	4 mm	0,5-0,8 Nm	IP 20	.37"	.137"	3.5-5.3 ib.in	NEMA 1	.37"	.16"	4.4-7.1 ib.in	NEMA 1

Accessories

Type	P/N	Type	P/N
1 End section	grey	FEAD1	V0 th. 2,5 mm 1SNA 199 421 R1600
	orange	FEAD1	V0 th. 2,5 mm 1SNA 199 422 R1700
2 Separator	grey	FEAD5	V0 th. 5,0 mm 1SNA 199 433 R1200
	orange	FEAD5	V0 th. 5,0 mm 1SNA 199 434 R1300
3 Test device	yellow	DCB	1SNA 105 028 R2100
	blue	FC2	DIA. 2 mm 1SNA 007 865 R2600
4 Test plug		BJADO5.2	17,5 A 2 poles 1SNA 205 955 R0300
5 Screwless jumper bar		BJADO5.3	17,5 A 3 poles 1SNA 205 956 R0400
to be inserted into ADO jaw		BJADO5.4	17,5 A 4 poles 1SNA 205 957 R0500
orange IP20		BJADO5.5	17,5 A 5 poles 1SNA 205 958 R1600
6 Comb-type jumper bar		BJADO5.10	17,5 A 10 poles 1SNA 205 963 R0300
		BJADO5.20	17,5 A 20 poles 1SNA 205 973 R0500
Insulating tip		EIP	1SNA 113 550 R2400
7 Hand tool kit		OUMAD	1SNA 179 466 R0600
8 Semi-automatic tool		OUPAD	1SNA 178 944 R0400
9 Pneumatic tool kit		OUTAD	1SNA 205 710 R1100
10 Replacement head kit		OUTA	1SNA 205 284 R0300
11 Extraction tool kit		EXAD2	1SNA 205 721 R0000
12 Test connector		CEADO.5	1SNA 399 345 R1100
		CEADOE	1SNA 399 341 R1500
R	See section on markers marking method	On top of block	RC65
		On top of block	RC65

Miniblocks

Insulation Displacement

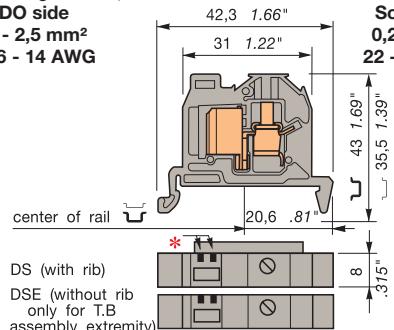
ADO - Screw clamp

DIN 3



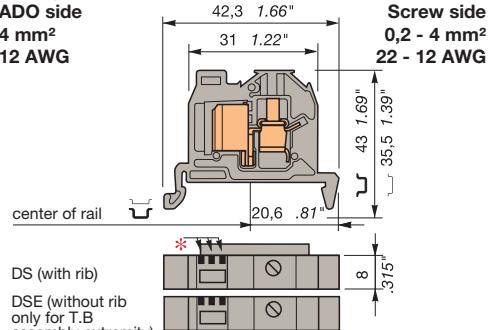
DS 4/8.ADO

Spacing 8 mm +0,05 .315"
ADO side
1 - 2,5 mm²
16 - 14 AWG



DS 4/8.A.ADO3

Spacing 8 mm +0,05 .238"
ADO side
4 mm²
12 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	DS 4/8.ADO	1SNA 299 493 R2300	Grey	DS 4/8.A.ADO3	1SNA 399 429 R0600
Blue	DS 4/8.N.ADO	1SNA 299 495 R2500	Blue	DS 4/8.A.N.ADO3	1SNA 399 431 R2000
Orange	DS 4/8.ADO	1SNA 299 494 R2400	Orange	DS 4/8.A.ADO3	1SNA 399 430 R0300
Grey	DSE 4/8.ADO	1SNA 299 557 R0200	Grey	DSE 4/8.A.ADO3	1SNA 399 433 R2200

Characteristics

Wire size

	IEC NFC	DIN	UL/CSA
Screw	Rigid	0,2 - 4mm ²	22-10 AWG
	Standed	0,22-4 mm ²	22-10 AWG

ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Standed	1-2,5 mm ²	16-14 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand		

Pollution degree	3
Current	

Rated	24 A	25 A
Impulse withstand		

Wire size

Rated / Gauge	2,5 mm ²	14-10 AWG
Wire stripping length	Recommended screwdriver	Protection
9,5 mm	4 mm	IP 20

.37"	.16"	4.4 - 7.1 lb.in
		NEMA 1

Characteristics

Wire size

	IEC NFC	DIN	UL/CSA
Screw	Rigid	0,2 - 4mm ²	22-12 AWG
	Standed	0,22-4 mm ²	22-12 AWG

ADO	Rigid	4 mm ²	12 AWG
	Standed	4 mm ²	12 AWG

Voltage

Rated	1000 V	
Impulse withstand		

Pollution degree	3	
Current		

Rated	32 A	
Impulse withstand		

Wire size

Rated / Gauge	4 mm ²	12 AWG
Wire stripping length	Recommended screwdriver	Protection
9,5 mm	4 mm	IP 20

.37"	.16"	IP 20
		NEMA 1

Observations

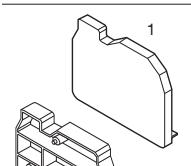
Terminal block body material is UL 94 V0.

DS 4/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).

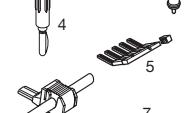
DS 4/8.A.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

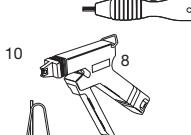
Accessories



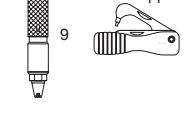
- 1 End section grey
- 2 Separator grey
- 3 Test device orange
- 4 Test plug yellow
- 5 Comb-type jumper bar



- 6 IDC jumper
- 7 Hand tool kit
- 8 Semi automatic tool
- 9 Pneumatic tool kit
- 10 Replacement head kit
- 11 Extraction tool kit



- 12 Extraction tool kit
- 13 Extraction tool kit
- 14 Extraction tool kit
- 15 Extraction tool kit



- 16 Extraction tool kit
- 17 Extraction tool kit
- 18 Extraction tool kit
- 19 Extraction tool kit



- 20 Extraction tool kit
- 21 Extraction tool kit
- 22 Extraction tool kit
- 23 Extraction tool kit

Type	P/N	Type	P/N
FEAD1	V0	th. 2,5 mm	1SNA 199 421 R1600
FEAD1	V0	th. 2,5 mm	1SNA 199 422 R1700
FEAD5	V0	th. 5,0 mm	1SNA 199 433 R1200
FEAD5	V0	th. 5,0 mm	1SNA 199 434 R1300
DCJ	V2		1SNA 173 059 R0300
FC2		DIA. 2 mm	1SNA 007 865 R2600
PC8	V2	50 A 2 poles	1SNA 116 538 R1700
PC8	V2	50 A 3 poles	1SNA 116 539 R1000
PC8	V2	50 A 4 poles	1SNA 116 540 R2500
PC8	V2	50 A 10 poles	1SNA 163 313 R2400
AD2,5	V2		1SNA 114 205 R2000

OUMAD		1SNA 179 466 R0600	OUMAD		1SNA 179 466 R0600
OUPAD		1SNA 178 944 R0400	OUPAD		1SNA 178 944 R0400
OUTAD		1SNA 205 710 R1100	OUTAD		1SNA 205 710 R1100
OUTA		1SNA 205 284 R0300	OUTA		1SNA 205 284 R0300
EXAD2		1SNA 205 721 R0000	EXAD2		1SNA 205 721 R0000

On top of block	RCAL85	On top of block	RCAL85

Miniblocks
Insulation Displacement
ADO - Screw clamp for ground terminal blocks not electrically connected to the mounting rail

DIN 3



Other accessories of this terminal blocks:
see pages of same size standard blocks.

* Notches to identify 8 mm spacing

DS 2,5/5.PI.ADO

Spacing 5 mm +0,05 .198"

ADO side

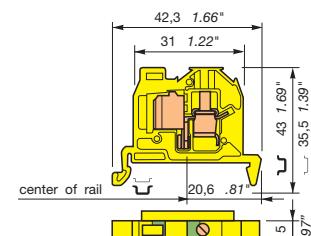
0,22 - 1 mm²

24 - 18 AWG

Screw side

0,2 - 2,5 mm²

24 - 12 AWG

**DS 4/6.PI.ADO**

Spacing 6 mm +0,05 .238"

ADO side

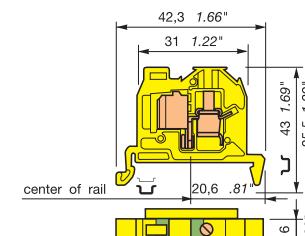
0,34 - 1,5 mm²

22 - 16 AWG

Screw side

0,2 - 4 mm²

22 - 10 AWG

**DS 4/8.PI.ADO**

Spacing 8 mm +0,05 .315"

ADO side

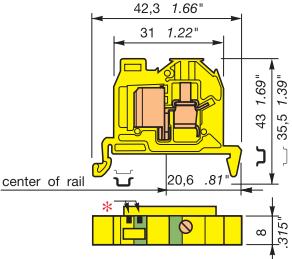
1 - 2,5 mm²

16 - 14 AWG

Screw side

0,2 - 4 mm²

22 - 10 AWG

**Type****P/N**

Yellow body / green marking

DS 2,5/5.PI.ADO 1SNA 399 517 R2600

Type**P/N**

Yellow body / green marking

DS 4/6.PI.ADO 1SNA 299 492 R2200

Type**P/N**

Yellow body / green marking

DS 4/8.PI.ADO 1SNA 299 496 R2600

Characteristics

Wire size	IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA	
	NFC	DIN	24-12 AWG	0,2 - 4 mm ²	22-10 AWG	0,2 - 4 mm ²	22-10 AWG	0,22 - 4 mm ²	22-10 AWG	0,2 - 4 mm ²	22-10 AWG	
Wire size	Screw	Rigid	0,2 - 4 mm ²	24-12 AWG	0,2 - 4 mm ²	22-10 AWG	0,22 - 4 mm ²	22-10 AWG	0,2 - 4 mm ²	22-10 AWG	0,22 - 4 mm ²	22-10 AWG
		Flexible	0,22 - 2,5 mm ²	24-12 AWG	0,22 - 4 mm ²	22-10 AWG	0,28-1,5 mm ²	22-16 AWG	1-2,5 mm ²	16-14 AWG	1-2,5 mm ²	16-14 AWG
Rated current short-circuit	ADO	Rigid	0,2-1 mm ²	24-18 AWG	0,34-1,5 mm ²	22-16 AWG	0,34-1,5 mm ²	22-16 AWG	1-2,5 mm ²	16-14 AWG	1-2,5 mm ²	16-14 AWG
		Flexible	0,22-1 mm ²	24-18 AWG								
Rated current short-circuit		120 A/1 s.		180 A/1 s.		300 A/1 s.						
Rated wire size nominal / gauge		1 mm ²		18 AWG		1,5 mm ²		16-10 AWG				

Other characteristics

Other characteristics	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm	3,5 mm	0,4-0,6 Nm	IP20	9,5 mm	4 mm	0,5-0,8 Nm	IP20	9,5 mm	4 mm	0,5-0,8 Nm	IP20
R See section on markers mode	.37"	.137"	3.5-5.3 lb.in	NEMA 1	.37"	.16"	4-7.1 lb.in	NEMA 1	.37"	.16"	4-7.1 lb.in	NEMA 1

Approvals

CE	UL	GL	CE	CE	UL	GL	CE
----	----	----	----	----	----	----	----

Accessories

Accessories	Type	P/N	Type	P/N	Type	P/N	
1 End section	V0 th.2,5 mm	1SNA 199 421 R1600	FEAD1 V0 th.2,5 mm	1SNA 199 421 R1600	FEAD1 V0 th.2,5 mm	1SNA 199 421 R1600	
	orange	FEAD1 V0 th.2,5 mm	1SNA 199 422 R1700	FEAD1 V0 th.2,5 mm	1SNA 199 422 R1700	FEAD1 V0 th.2,5 mm	1SNA 199 422 R1700

Miniblocks**Insulation Displacement**

ADO - Screw clamp for ground terminal blocks not electrically connected to the mounting rail

DIN 3



Other accessories of this terminal blocks:
see pages of same size standard blocks.

* Notches to identify 8 mm spacing

DS 4/8.A.PI.ADO3

Spacing 8 mm +0,05 .315"

ADO side

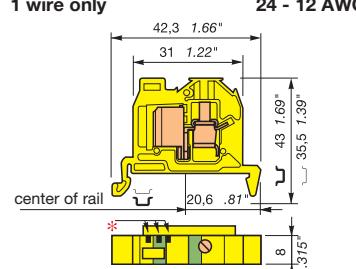
4 mm² / 12 AWG

1 wire only

Screw side

0,2 - 4 mm²

24 - 12 AWG

**Type****P/N**

Yellow body / green marking

DS 4/8.A.PI.ADO3 1SNA 399 432 R2100

Characteristics

Wire size	IEC		UL/CSA		IEC		UL		CSA		IEC	
	NFC	DIN	24-12 AWG	0,2 - 4 mm ²	22-10 AWG	NFC	DIN	24-12 AWG	0,2 - 4 mm ²	22-10 AWG	NFC	DIN
Wire size	Screw	Rigid	0,2 - 4 mm ²	24-12 AWG	0,2 - 4 mm ²	22-10 AWG						
		Flexible	0,22 - 4 mm ²	24-12 AWG								
Rated current short-circuit	ADO	Rigid	4 mm ²	12 AWG								
		Flexible	4 mm ²	12 AWG								
Rated current short-circuit		480 A/1 s.										
Rated wire size nominal / gauge		4 mm ²		12 AWG								

Other characteristics

Other characteristics	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm	4 mm	0,8-0,8 Nm	IP20								
	.37"	.16"	4-7.1 lb.in	NEMA 1								

Approvals

CE	UL	CE
----	----	----

Accessories

Accessories	Type	P/N	Type	P/N	Type	P/N
1 End section	V0 th.2,5 mm	1SNA 199 421 R1600				
	orange	FEAD1 V0 th.2,5 mm	1SNA 199 422 R1700			

R See section on markers mode

Miniblocks**Insulation Displacement**

ADO - Screw clamp for ground terminal blocks electrically connected to the mounting rail

DIN 3



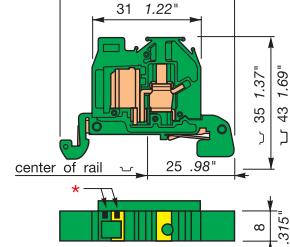
Other accessories of this terminal blocks:
see pages of same size standard blocks.

* Notches to identify 8 mm spacing

DS 4/8.P.ADO

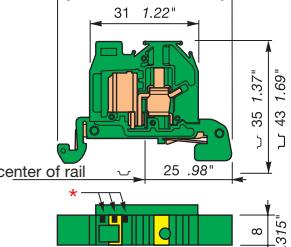
Spacing 8 mm +0,05 .315"
ADO side
1 - 2,5 mm²
16 - 14 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG

**DS 4/8.A.P.ADO3**

Spacing 8 mm +0,05 .315"
ADO side
4 mm² / 12 AWG
1 wire only

Screw side
0,2 - 4 mm²
24 - 12 AWG

**Type P/N**

Green body / yellow marking
■ DS 4/8.P.ADO 1SNA 199 527 R1000

Type P/N

Green body / yellow marking
■ DS 4/8.A.P.ADO3 1SNA 399 445 R0600

Type P/N**Characteristics**

Wire size	Screw	IEC NFC DIN		UL/CSA		IEC NFC DIN		UL/CSA		IEC NFC DIN	
		0,2-4 mm ²	22-10 AWG	0,2-4 mm ²	24-12 AWG	4 mm ²	12 AWG	4 mm ²	12 AWG	4 mm ²	12 AWG
Wire size	Screw	Rigid	0,2-4 mm ²	22-10 AWG		0,2-4 mm ²	24-12 AWG		4 mm ²		
		Flexible									
	ADO	Rigid	1-2,5 mm ²	16-14 AWG		4 mm ²	12 AWG				
		Flexible									

Rated current short-circuit

Rated wire size nominal / gauge

Other characteristics

	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4-7.1 lb.in	IP20 NEMA 1	9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4-7.1 lb.in	IP20 NEMA 1	9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4-7.1 lb.in	IP20 NEMA 1

Approvals

	UL	CE	UL	CE

Accessories

	Type	P/N	Type	P/N	Type	P/N

Characteristics

Wire size	IEC NFC DIN		UL		CSA		IEC NFC DIN		UL		CSA	
	Screw	Rigid										
Wire size	Screw	Rigid										
		Flexible										
	ADO	Rigid										
		Flexible										

Rated current short-circuit

Rated wire size nominal / gauge

Other characteristics

	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4-7.1 lb.in	IP20 NEMA 1	9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4-7.1 lb.in	IP20 NEMA 1	9,5 mm .37"	4 mm .16"	0,5-0,8 Nm 4-7.1 lb.in	IP20 NEMA 1

Approvals

	Type	P/N	Type	P/N	Type	P/N

Miniblocks

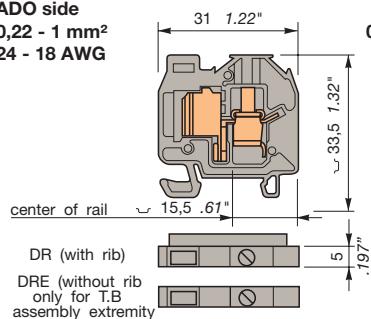
Insulation Displacement

ADO - Screw clamp

DIN 2

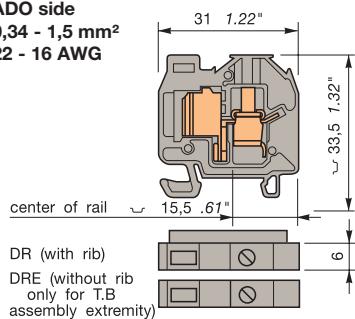


Spacing 5 mm +0,05 (.198")
ADO side
0,22 - 1 mm²
24 - 18 AWG



Screw side
0,2 - 2,5 mm²
24 - 12 AWG

Spacing 6 mm +0,05 .238"
ADO side
0,34 - 1,5 mm²
22 - 16 AWG



Screw side
0,2 - 4 mm²
22 - 10 AWG



Colour	Type	Part numbers
Grey	DR 2,5/5.ADO	1SNA 399 509 R1700
Blue	DR 2,5/5.N.ADO	1SNA 399 511 R2000
Orange	DR 2,5/5.ADO	1SNA 399 510 R0300
Grey	DRE 2,5/5.ADO	1SNA 399 513 R2200



Colour	Type	Part numbers
Grey	DR 4/6.ADO	1SNA 199 275 R0300
Blue	DR 4/6.N.ADO	1SNA 199 277 R0500
Orange	DR 4/6.ADO	1SNA 199 276 R0400
Grey	DRE 4/6.ADO	1SNA 299 552 R0500

refer to the section "Special Applications" for part numbers and characteristics.

End stop th. 6,5 mm BADRL V0 1SNA 199 420 R2100
Rail 15 x 5 x 1 PR2 1SNA 164 600 R1200
Other end stops, rails and accessories : see section on accessories.

Notes

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2 - 4 mm ²	24-12 AWG
	Flexible	0,22-2,5 mm ²	24-12 AWG
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Characteristics

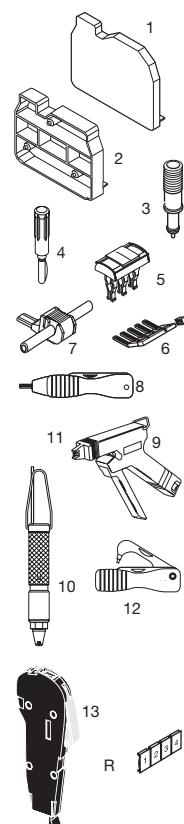
Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2 - 4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	0,28-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Accessories



	Type	P/N	Type	P/N
1 End section	grey	FEAD1	V0	th. 2,5 mm 1SNA 199 421 R1600
	orange	FEAD1	V0	th. 2,5 mm 1SNA 199 422 R1700
2 Separator	grey	FEAD5	V0	th. 5,0 mm 1SNA 199 433 R1200
	orange	FEAD5	V0	th. 5,0 mm 1SNA 199 434 R1300
3 Test device	blue	DCB		1SNA 105 028 R2100
4 Test plug		FC2	DIA.2 mm	1SNA 007 865 R2600
5 Screwless jumper bar	orange IP20	BJADO5.2	17,5 A 2 poles	1SNA 205 955 R00es
		BJADO5.3	17,5 A 3 poles	1SNA 205 956 R0400
		BJADO5.4	17,5 A 4 poles	1SNA 205 957 R0500
		BJADO5.5	17,5 A 5 poles	1SNA 205 958 R1600
		BJADO5.10	17,5 A 10 poles	1SNA 205 963 R0300
		BJADO5.20	17,5 A 20 poles	1SNA 205 973 R0500
6 Comb-type jumper bar		PC5	30 A 2 poles	1SNA 113 542 R1000
Insulation tip		PC5	30 A 10 poles	1SNA 113 544 R1200
7 IDC jumper		EIP	V2	1SNA 113 550 R2400
8 Hand tool kit		AD2,5	V2	1SNA 114 205 R2000
9 Semi automatic tool		OUMAD		1SNA 179 466 R0600
10 Pneumatic tool kit		OUPAD		1SNA 178 944 R0400
11 Replacement head kit		OUTAD		1SNA 205 710 R1100
12 Extraction tool kit		OUTA		1SNA 205 284 R0300
13 Test connector		EXAD2		1SNA 205 721 R0000
		CEADO.5		1SNA 399 345 R1100
		CEADOE		1SNA 399 341 R1500
R See section on markers marking method		On top	RC55	On top
				RC65

Miniblocks

Insulation Displacement

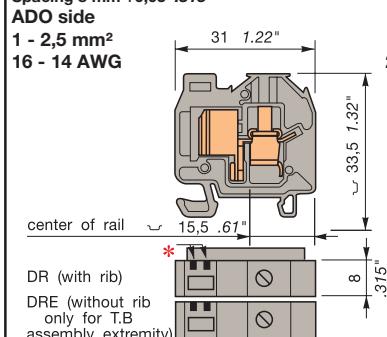
ADO - Screw clamp

DIN 2



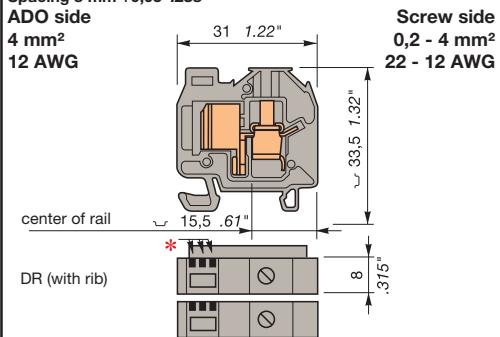
DR 4/8.ADO

Spacing 8 mm +0,05 .315"
ADO side
1 - 2,5 mm²
16 - 14 AWG



DR 4/8.A.ADO3

Spacing 8 mm +0,05 .238"
ADO side
4 mm²
12 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	DR 4/8.ADO	1SNA 199 279 R1700	Grey	DR 4/8.A.ADO3	1SNA 399 424 R2100
Blue	DR 4/8.N.ADO	1SNA 199 281 R2200	Blue	DR 4/8.A.N.ADO3	1SNA 399 426 R2300
Orange	DR 4/8.ADO	1SNA 199 280 R0500	Orange	DR 4/8.A.ADO3	1SNA 399 425 R2200
Grey	DRE 4/8.ADO	1SNA 299 553 R0600	Grey	DRE 4/8.A.ADO3	1SNA 399 428 R0500

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	24 A	25 A
Impulse withstand		

Wire size

Rated / Gauge	2,5 mm ²	14 AWG	Rated / Gauge	4 mm ²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque	Wire stripping length	Recommended screwdriver	Recommended torque
	9,5 mm	0,5 - 0,8 Nm		9,5 mm	0,5 - 0,8 Nm
.374"	.157"	4.4 - 7.1 lb.in		.374"	.157"
		NEMA 1			NEMA 1

Observations

Terminal block body material is UL 94 V0.

DR 4/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).

DR 4/8.A.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	4 mm ²	12 AWG
	Flexible	4 mm ²	12 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand		
Pollution degree	3	

Current

Rated	32 A
Impulse withstand	

Wire size

Rated / Gauge	4 mm ²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque
	9,5 mm	0,5 - 0,8 Nm
.374"	.157"	NEMA 1

Voltage

Rated	1000 V	600 V
Impulse withstand		
Pollution degree	3	

Accessories

Type	P/N	Type	P/N
FEAD1	V0	th. 2,5 mm	1SNA 199 421 R1600
FEAD1	V0	th. 2,5 mm	1SNA 199 422 R1700
FEAD5	V0	th. 5,0 mm	1SNA 199 433 R1200
FEAD5	V0	th. 5,0 mm	1SNA 199 434 R1300
DCJ		1SNA 173 059 R0300	
FC2	DIA. 2 mm	1SNA 007 865 R2600	
PC8	50 A 2 poles	1SNA 116 538 R1700	
PC8	50 A 3 poles	1SNA 116 539 R1000	
PC8	50 A 4 poles	1SNA 116 540 R2500	
PC8	50 A 10 poles	1SNA 163 313 R2400	
AD2,5		1SNA 114 205 R2000	
OUMAD		1SNA 179 466 R0600	
OUPAD		1SNA 178 944 R0400	
OUTAD		1SNA 205 710 R1100	
OUTA		1SNA 205 284 R0300	
EXAD2		1SNA 205 721 R0000	
R	See section on markers marking method	On top	RCAL85
		On top	RCAL85

Miniblocks
Insulation Displacement
ADO - Screw clamp for ground terminal blocks not electrically connected to the mounting rail

DIN 2



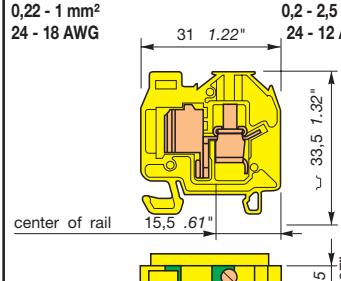
refer to the section "Special Applications" for part numbers and characteristics.

Wire sizes screw side and other accessories of this terminal blocks: see pages of same size standard blocks.

* Notches to identify 8 mm spacing.

DR 2,5/5.PI.ADO

Spacing 5 mm +0,05 (.198")
 ADO side 0,22 - 1 mm²
 24 - 18 AWG

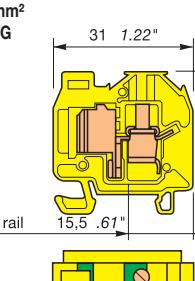
**DR 4/6.PI.ADO**

Spacing 6 mm +0,05 (.238")

ADO side

0,34 - 1,5 mm²

22 - 16 AWG

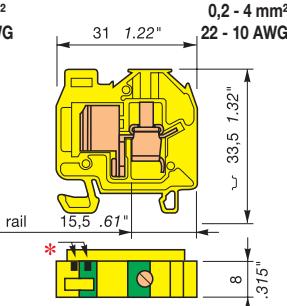
**DR 4/8.PI.ADO**

Spacing 8 mm +0,05 (.315")

ADO side

1 - 2,5 mm²

16 - 14 AWG

**Type** **Part number**

Yellow body / Green marking

DR 2,5/5.PI.ADO 1SNA 399 512 R2100

Type **Part number**

Yellow body / Green marking

DR 4/6.PI.ADO 1SNA 199 278 R1600

Type **Part number**

Yellow body / Green marking

DR 4/8.PI.ADO 1SNA 199 282 R2300

Characteristics

Wire size	IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA	
	NFC	DIN	24-12 AWG	0,2-4 mm ²	22-10 AWG	0,2-4 mm ²	22-10 AWG	1-2,5 mm ²	16-14 AWG	0,2-4 mm ²	22-10 AWG	
Screw	Rigid	0,2-4 mm ²	24-12 AWG	0,22-2,5 mm ²	24-12 AWG	0,22-4 mm ²	22-10 AWG					
	Flexible	0,22-2,5 mm ²	24-12 AWG									
ADO	Rigid	0,2-1 mm ²	24-18 AWG	0,28-1,5 mm ²	22-16 AWG	0,34-1,5 mm ²	22-16 AWG					
	Flexible	0,22-1 mm ²	24-18 AWG									

Rated current short-circuit**Rated wire size nominal / gauge****Other characteristics**

Type	Part number	Type	Part number	Type	Part number	Type	
						Wire strip. length	Recomm. screwdriver
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20	10 mm	4 mm	0,5-0,8 Nm	IP 20

Approvals

Type	Part number	Type	Part number	Type	Part number	Type	
						Wire strip. length	Recomm. screwdriver
FEAD1	V0 th. 2,5 mm	FEAD1	V0 th. 2,5 mm	FEAD1	V0 th. 2,5 mm	FEAD1	V0 th. 2,5 mm
FEAD1	1SNA 199 421 R1600	FEAD1	1SNA 199 422 R1700	FEAD1	1SNA 199 421 R1600	FEAD1	1SNA 199 422 R1700

Accessories

Type	Part number	Type	Part number	Type	Part number	Type	
						Wire strip. length	Recomm. screwdriver
On top	RC55	On top	RC65	On top	RCAL85		

Miniblocks**Insulation Displacement**

ADO - Screw clamp for ground terminal blocks not electrically connected to the mounting rail

DIN 2



Wire sizes screw side and other accessories of this terminal blocks: see pages of same size standard blocks.

* Notches to identify 8 mm spacing.

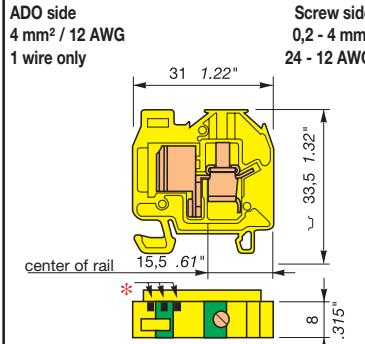
DR 4/8.A.PI.ADO3

Spacing 8 mm +0,05 (.315")

ADO side

4 mm² / 12 AWG

1 wire only

**Type** **Part number**

Yellow body / Green marking

DR 4/8.A.PI.ADO3 1SNA 399 427 R2400

Characteristics

Wire size	IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA		
	NFC	DIN	24-12 AWG	0,2-4 mm ²	22-10 AWG	NFC	DIN	UL	CSA	NFC	DIN	UL	CSA
Screw	Rigid	0,2-4 mm ²	24-12 AWG	0,22-4 mm ²	24-12 AWG								
	Flexible	0,22-4 mm ²	24-12 AWG										
ADO	Rigid	4 mm ²	12 AWG	4 mm ²	12 AWG								
	Flexible	4 mm ²	12 AWG										

Rated current short-circuit**Rated wire size nominal / gauge****Other characteristics**

Type	Part number	Type	Part number	Type	Part number	Type		Type	
						Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm	4 mm	0,5-0,8 Nm	IP 20						
.374"	.157"	4,4-7,1 lb.in	NEMA 1						

Approvals

Type	Part number	Type	Part number			Type	
						Wire strip. length	Recomm. screwdriver
FEAD1	V0 th. 2,5 mm	FEAD1	V0 th. 2,5 mm	FEAD1	V0 th. 2,5 mm		
FEAD1	1SNA 199 421 R1600	FEAD1	1SNA 199 422 R1700	FEAD1	1SNA 199 421 R1600		

R See section on markers mode

Miniblocks
Insulation Displacement
ADO - Screw clamp for ground terminal blocks electrically connected to the mounting rail

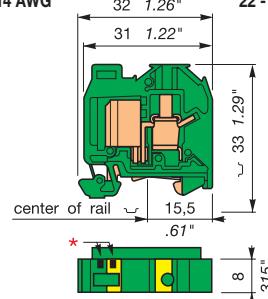
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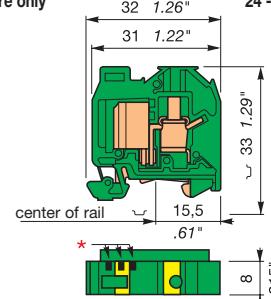
Other accessories of this terminal blocks:
see pages of same size standard blocks.

DR 4/8.P.ADO

Spacing 8 mm +0,05 (.315")

ADO side
1 - 2,5 mm²
16 - 14 AWGScrew side
0,2 - 4 mm²
22 - 10 AWG**DR 4/8.A.P.ADO3**

Spacing 8 mm +0,05 (.315")

ADO side
4 mm² / 12 AWG
1 wire onlyScrew side
0,2 - 4 mm²
24 - 12 AWG**Type** **Part number**

Green body / Yellow marking

■ DR 4/8.P.ADO 1SNA 299 632 R0500

Type **Part number**

Green body / Yellow marking

■ DR 4/8.A.P.ADO3 1SNA 399 444 R0500

Type **Part number****Characteristics**

Wire size	IEC NFC DIN		UL/CSA		IEC NFC DIN		UL/CSA		IEC NFC DIN		UL		CSA	
	Screw	Rigid	0,2-4 mm ²	22-10 AWG	Screw	Rigid	0,2-4 mm ²	24-12 AWG	Screw	Rigid	0,2-4 mm ²	24-12 AWG	Screw	Rigid
	Screw	Flexible												
	ADO	Rigid	1-2,5 mm ²	16-14 AWG			4 mm ²	12 AWG						

Rated current short-circuit**Rated wire size / gauge****Other characteristics**

Other characteristics	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm	4 mm	0,5-0,8 Nm		9,5 mm	4 mm	0,5-0,8 Nm	IP 20	.374"	.157"	4.4-7.1 lb.in	NEMA 1
	.374"	.157"	4.4-7.1 lb.in									

Approvals

Accessories	Type	Part number		Type	Part number		Type	Part number	
1 End section	grey	FEAD1	V0	th. 2,5 mm	1SNA 199 421 R1600	FEAD1	V0	th. 2,5 mm	1SNA 199 421 R1600
	orange	FEAD1	V0	th. 2,5 mm	1SNA 199 422 R1700	FEAD1	V0	th. 2,5 mm	1SNA 199 422 R1700

R See section on markers

Other characteristics	mode	On top	RCAL85	On top	RCAL85									

Characteristics

Wire size	IEC NFC DIN		UL		CSA		IEC NFC DIN		UL		CSA	
	Screw	Rigid										
	Screw	Flexible										
	ADO	Rigid										

Rated current short-circuit**Rated wire size nominal / gauge**

Other characteristics	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection

Approvals

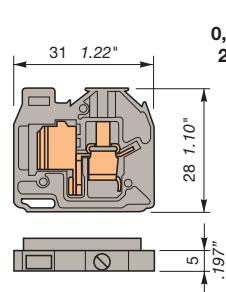
Accessories	Type	Part number		Type	Part number		Type	Part number	

Miniblocks
Insulation
Displacement
ADO - Screw clamp
Base mount with flanges



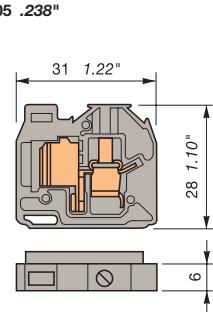
Spacing 5 mm + 0,05 .197"
ADO side
0,22 - 1 mm²
24 - 18 AWG

DB 2,5/5.ADO



Screw side
0,2 - 2,5 mm²
22 - 12 AWG

DB 4/6.ADO



Spacing 6 mm + 0,05 .238"
ADO side
0,34 - 1,5 mm²
22 - 16 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG



Colour	Type	Part numbers
Grey	DB 2,5/5.ADO	1SNA 399 519 R0000
Blue	DB 2,5/5.N.ADO	1SNA 399 521 R2200
Orange	DB 2,5/5.ADO	1SNA 399 520 R0500



Colour	Type	Part numbers
Grey	DB 4/6.ADO	1SNA 299 505 R0700
Blue	DB 4/6.N.ADO	1SNA 299 507 R0100
Orange	DB 4/6.ADO	1SNA 299 506 R0000

refer to the section "Special Applications" for part numbers and characteristics.

For drilling patterns see page: assembly and accessories

Observations

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2-4 mm ²	24-12 AWG
	Flexible	0,22-2,5 mm ²	24-12 AWG
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	0,28-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Accessories

	1 End section (left+ right)	grey orange	FED3 FED3	V0 V0	1SNA 199 437 R1600 1SNA 199 438 R2700	Type	P/N
	2 Separator	grey orange	FEAD5 FEAD5	V0 V0	th. 5,0 mm th. 5,0 mm	1SNA 199 433 R1200 1SNA 199 434 R1300	
	3 Test device	blue	DCB		1SNA 105 028 R2100		
	4 Test plug		FC2	DIA. 2 mm	1SNA 007 865 R2600		
	5 Screwless jumper bar to be inserted into ADO jaw	orange IP20	BJADO5.2 BJADO5.3 BJADO5.4 BJADO5.5 BJADO5.10 BJADO5.20	17,5 A 2 poles 17,5 A 3 poles 17,5 A 4 poles 17,5 A 5 poles 17,5 A 10 poles 17,5 A 20 poles	1SNA 205 955 R0300 1SNA 205 956 R0400 1SNA 205 957 R0500 1SNA 205 958 R1600 1SNA 205 963 R0300 1SNA 205 973 R0500		
	6 Comb-type jumper bar Insulating tip		PC5 EIP	30 A 2 poles 30 A 10 poles	1SNA 113 542 R1000 1SNA 113 544 R1200 1SNA 113 550 R2400		
	7 IDC jumper		AD2,5	24 A	1SNA 114 205 R2000		
	8 Hand tool kit		OUMAD		1SNA 179 466 R0600		
	9 Semi automatic tool		OUPAD		1SNA 178 944 R0400		
	10 Pneumatic tool kit		OUTAD		1SNA 205 710 R1100		
	11 Replacement head kit		OUTA		1SNA 205 284 R0300		
	12 Extraction tool kit		EXAD2		1SNA 205 721 R0000		
	13 Test connector		CEADO.5 CEAOE		1SNA 399 345 R1100 1SNA 399 341 R1500		
	R	See section on markers marking method	On top	RC55		On top	RC65

C

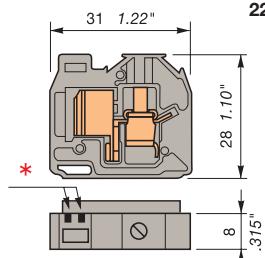
1

Miniblocks
Insulation
Displacement
ADO - Screw clamp
Base mount with flanges

**DB 4/8.ADO**

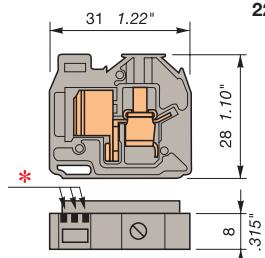
Spacing 8 mm + 0,05 .315"
ADO side
1 - 2,5 mm²
16 - 14 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG

**DB 4/8.A.ADO3**

Spacing 8 mm + 0,05 .238"
ADO side
4 mm²
12 AWG

Screw side
0,2 - 4 mm²
22 - 12 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	■ DB 4/8.ADO	1SNA 299 509 R1300	Grey	■ DB 4/8.A.ADO3	1SNA 399 434 R2300
Blue	■ DB 4/8.N.ADO	1SNA 299 511 R2400	Blue	■ DB 4/8.A.N.ADO3	1SNA 399 436 R2500
Orange	■ DB 4/8.ADO	1SNA 299 510 R0700	Orange	■ DB 4/8.A.ADO3	1SNA 399 435 R2400

Characteristics

Wire size

	IEC NFC	DIN	UL/CSA
Screw	Rigid	0,2-4 mm ²	22-10 AWG
	Flexible	0,22-4 mm ²	22-10 AWG
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	24 A	25 A
-------	------	------

Wire size

Rated / Gauge	2,5 mm ²	14 AWG
Wire stripping length	Recommended screwdriver	Recommended torque
9,5 mm	4 mm	0,5 - 0,8 Nm

.374"	.157"	4.4 - 7.1 lb.in	NEMA 1
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Characteristics

Wire size

	IEC NFC	DIN	UL/CSA
Screw	Rigid	0,2-4 mm ²	22-12 AWG
	Flexible	0,22-4 mm ²	22-12 AWG
ADO	Rigid	4 mm ²	12 AWG
	Flexible	4 mm ²	12 AWG

Voltage

Rated	1000 V	
Impulse withstand		
Pollution degree	3	

Current

Rated	32 A	
-------	------	--

Wire size

Rated / Gauge	4 mm ²	
Wire stripping length	Recommended screwdriver	Recommended torque
9,5 mm	4 mm	0,5 - 0,8 Nm

.374"	.157"	4.4 - 7.1 lb.in	NEMA 1
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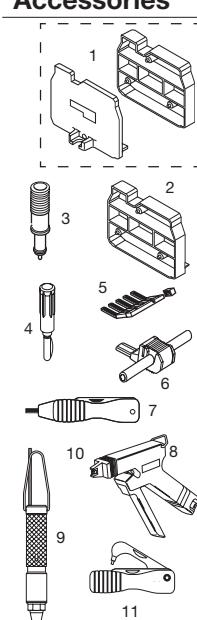
For drilling patterns see page: assembly and accessories

Observations

Terminal block body material is UL 94 V0.

DB 4/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).DB 4/8.A.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

Accessories

Type	P/N	Type	P/N
FEAD3	V0	FEAD3	V0
FEAD3	V0	FEAD3	V0
FEAD5	V0	FEAD5	V0
FEAD5	V0	FEAD5	V0
DCJ		DCJ	
FC2	DIA. 2 mm	FC2	DIA. 2 mm
PC8	50 A 2 poles	PC8	50 A 2 poles
PC8	50 A 3 poles	PC8	50 A 3 poles
PC8	50 A 4 poles	PC8	50 A 4 poles
PC8	50 A 10 poles	PC8	50 A 10 poles
AD2,5	24 A	AD2,5	24 A
OUMAD		OUMAD	
OUPAD		OUPAD	
OUTAD		OUTAD	
OUTA		OUTA	
EXAD2		EXAD2	
On top	RCAL85	On top	RCAL85

R See section on markers
marking method

Miniblocks

Insulation Displacement

ADO - Screw clamp for ground terminal blocks not electrically connected to the mounting plate

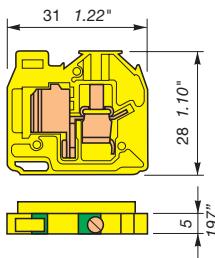
Base mount with flanges in mounting foot



Other accessories of this terminal blocks:
see pages of same size standard blocks.

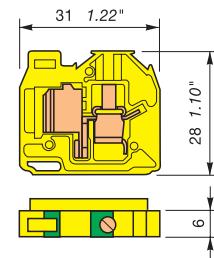
DB 2,5/5.PI.ADO

Spacing 5 mm + 0,05 (.198")
ADO side 0,22 - 1 mm²
24 - 18 AWG



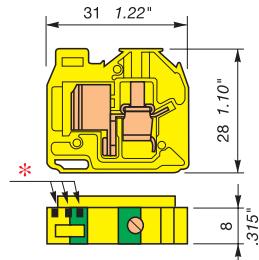
DB 4/6.PI.ADO

Spacing 6 mm + 0,05 (.238")
ADO side 0,34 - 1,5 mm²
22 - 16 AWG



DB 4/8.PI.ADO

Spacing 8 mm + 0,05 (.315")
ADO side 1 - 2,5 mm²
16 - 14 AWG



Type Part number

Yellow body / Green marking

■ DB 2,5/5.PI.ADO 1SNA 399 522 R2300

Type Part number

Yellow body / Green marking

■ DB 4/6.PI.ADO 1SNA 299 508 R1200

Type Part number

Yellow body / Green marking

■ DB 4/8.PI.ADO 1SNA 299 512 R2500

Characteristics

IEC UL/CSA

NFC DIN

24-12 AWG

IEC UL/CSA

NFC DIN

22-10 AWG

IEC

NFC DIN

22-10 AWG

Rated current short-circuit

Rated wire size nominal / gauge

Other characteristics

Wire size	IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA	
	Screw	Rigid	0,2-4 mm ²	24-12 AWG	Screw	Rigid	0,2-4 mm ²	22-10 AWG	Screw	Rigid	0,2-4 mm ²	22-10 AWG
ADO	Flexible		0,22-2,5 mm ²	24-12 AWG			0,22-4 mm ²	22-10 AWG			1-2,5 mm ²	16-14 AWG
	Rigid		0,2-1 mm ²	24-18 AWG			0,28-1,5 mm ²	22-16 AWG				
	Flexible		0,22-1 mm ²	24-18 AWG			0,34-1,5 mm ²	22-16 AWG				

Approvals

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Accessories

Type Part number

FEAD3 V0 1SNA 199 437 R1600

FEAD3 V0 1SNA 199 438 R2700

Type Part number

FEAD3 V0 1SNA 199 437 R1600

FEAD3 V0 1SNA 199 438 R2700

Type Part number

FEAD3 V0 1SNA 199 437 R1600

FEAD3 V0 1SNA 199 438 R2700

R See section on markers mode

On top RC55

On top RC65

On top RCAL85

Miniblocks

Insulation Displacement

ADO - Screw clamp for ground terminal blocks not electrically connected to the mounting plate

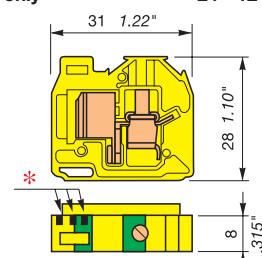
Base mount with flanges in mounting foot



Other accessories of this terminal blocks:
see pages of same size standard blocks.

DB 4/8.A.PI.ADO3

Spacing 8 mm + 0,05 (.315")
ADO side 4 mm² / 12 AWG
1 wire only



Type Part number

Yellow body / Green marking

■ DB 4/8.A.PI.ADO3 1SNA 399 437 R2600

Type Part number

Type Part number

Characteristics

IEC UL/CSA

NFC DIN

24-12 AWG

IEC UL/CSA

NFC DIN

12 AWG

IEC

NFC DIN

12 AWG

Rated current short-circuit

Rated wire size nominal / gauge

Other characteristics

Wire size	IEC		UL		CSA		IEC		UL		CSA	
	Screw	Rigid	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver
ADO	Flexible		9,5 mm	4 mm	0,5-0,8 Nm	IP 20						
	Rigid		.374"	.157"	4.4-7.1 lb.in	NEMA 1						
	Flexible		4 mm ²	12 AWG								

Miniblocks Insulation Displacement

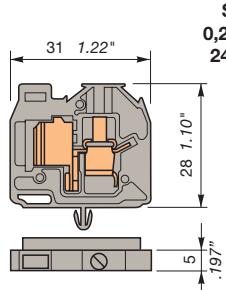
ADO - Screw clamp

Base mount with snap in mounting foot



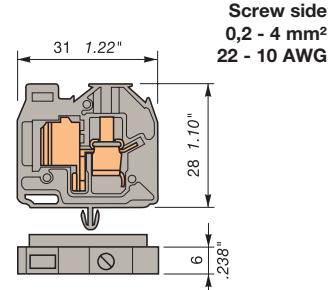
DH 2,5/5.ADO

Spacing 5 mm + 0,05 (.198")
ADO side
0,22 - 1 mm²
24 - 18 AWG



DH 4/6.ADO

Spacing 6 mm + 0,05 (.238")
ADO side
0,34 - 1,5 mm²
22 - 16 AWG



Colour Type Part numbers

Grey	■	DH 2,5/5.ADO	1SNA 399 523 R2400
Blue	■	DH 2,5/5.N.ADO	1SNA 399 525 R2600
Orange	■	DH 2,5/5.ADO	1SNA 399 524 R2500



Colour Type Part numbers

Grey	■	DH 4/6.ADO	1SNA 299 521 R2600
Blue	■	DH 4/6.N.ADO	1SNA 299 523 R2000
Orange	■	DH 4/6.ADO	1SNA 299 522 R2700

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Screw	Rigid 0,2-4 mm ²	24-12 AWG
	Flexible 0,22-2,5 mm ²	24-12 AWG
ADO	Rigid 0,2-1 mm ²	24-18 AWG
	Flexible 0,22-1 mm ²	24-18 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Screw	Rigid 0,2-4 mm ²	22-10 AWG
	Flexible 0,22-4 mm ²	22-10 AWG
ADO	Rigid 0,28-1,5 mm ²	22-16 AWG
	Flexible 0,34-1,5 mm ²	22-16 AWG

Voltage

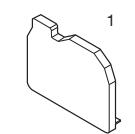
Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

For drilling pattern see page: assembly and accessories

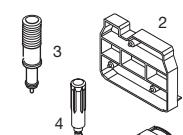
Observations

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 VO.

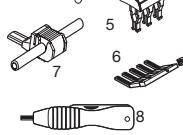
Accessories



1 End section



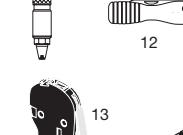
2 Separator



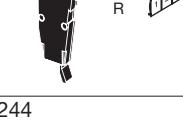
3 Test device



4 Test plug



5 Screwless jumper bar
to be inserted into ADO jaw
orange IP20



6 Comb-type jumper bar



Insulating tip

7 IDC jumper

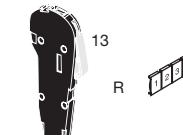
8 Hand tool kit

9 Semi automatic tool

10 Pneumatic tool kit



11 Replacement head kit



12 Extraction tool kit



13 Test connector

Type

P/N

Type	P/N
FEAD1	V0
FEAD1	V0
FEAD5	V0
FEAD5	V0
DCB	1SNA 173 059 R0300
FC2	DIA. 2 mm
BJADO5.2	17,5 A 2 poles
BJADO5.3	17,5 A 3 poles
BJADO5.4	17,5 A 4 poles
BJADO5.5	17,5 A 5 poles
BJADO5.10	17,5 A 10 poles
BJADO5.20	17,5 A 20 poles
PC5	30 A 2 poles
PC5	30 A 10 poles
EIP	1SNA 113 544 R1200
AD2,5	24 A
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO.5	1SNA 399 345 R1100
CEAOE	1SNA 399 341 R1500
FEAD1	V0
FEAD1	V0
FEAD5	V0
FEAD5	V0
DCJ	1SNA 173 059 R0300
FC2	DIA. 2 mm
BJADO6.2	17,5 A 2 poles
BJADO6.3	17,5 A 3 poles
BJADO6.4	17,5 A 4 poles
BJADO6.5	17,5 A 5 poles
BJADO6.10	17,5 A 10 poles
BJADO6.20	17,5 A 20 poles
PC6	35 A 2 poles
PC6	35 A 3 poles
PC6	35 A 4 poles
EIP	1SNA 113 548 R2600
AD2,5	24 A
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO.6	1SNA 399 346 R1200
CEAOE	1SNA 399 341 R1500

PC5

EIP

AD2,5

OUMAD

OUPAD

OUTAD

OUTA

EXAD2

CEADO.5

CEAOE

On top

RC55

Type

P/N

Type	P/N
FEAD1	V0
FEAD1	V0
FEAD5	V0
FEAD5	V0
DCJ	1SNA 173 059 R0300
FC2	DIA. 2 mm
BJADO6.2	17,5 A 2 poles
BJADO6.3	17,5 A 3 poles
BJADO6.4	17,5 A 4 poles
BJADO6.5	17,5 A 5 poles
BJADO6.10	17,5 A 10 poles
BJADO6.20	17,5 A 20 poles
PC6	35 A 2 poles
PC6	35 A 3 poles
PC6	35 A 4 poles
EIP	1SNA 113 548 R2600
AD2,5	24 A
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO.6	1SNA 399 346 R1200
CEAOE	1SNA 399 341 R1500

AD2,5

24 A

OUMAD

OUPAD

OUTAD

OUTA

EXAD2

CEADO.6

CEAOE

On top

RC65

R See section on markers
marking method

Miniblocks

Insulation

Displacement

ADO - Screw clamp

Base mount with snap in mounting foot

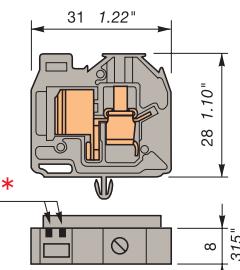


DH 4/8.ADO

Spacing 8 mm + 0,05 (.315")

ADO side
1 - 2,5 mm²
16 - 14 AWG

Screw side
0,2 - 4 mm²
22 - 10 AWG

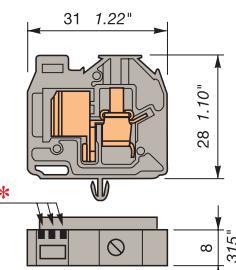


DH 4/8.A.ADO3

Spacing 8 mm + 0,05 (.238")

ADO side
4 mm²
12 AWG

Screw side
0,2 - 4 mm²
22 - 12 AWG



Colour	Type	Part numbers
Grey	DH 4/8.ADO	1SNA 299 525 R2200
Blue	DH 4/8.N.ADO	1SNA 299 527 R2400
Orange	DH 4/8.ADO	1SNA 299 526 R2300

Colour	Type	Part numbers
Grey	DH 4/8.A.ADO3	1SNA 399 438 R0700
Blue	DH 4/8.A.N.ADO3	1SNA 399 440 R1500
Orange	DH 4/8.A.ADO3	1SNA 399 439 R0000

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Screw Rigid	0,2-4 mm ²	22-10 AWG
Screw Flexible	0,22-4 mm ²	22-10 AWG
ADO Rigid	1-2,5 mm ²	16-14 AWG
ADO Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	24 A	25 A
Impulse withstand		

Wire size

Rated / Gauge	2,5 mm ²	14 AWG
Wire stripping length	Recommended screwdriver	Recommended torque
9,5 mm	4 mm	0,5 - 0,8 Nm

.374"	.157"	4.4 - 7.1 lb.in
		NEMA 1

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Screw Rigid	0,2-4 mm ²	22-12 AWG
Screw Flexible	0,22-4 mm ²	22-12 AWG
ADO Rigid	4 mm ²	12 AWG
ADO Flexible	4 mm ²	12 AWG

Voltage

Rated	1000 V	
Impulse withstand		
Pollution degree	3	

Wire size

Rated / Gauge	4 mm ²	12 AWG
Wire stripping length	Recommended screwdriver	Recommended torque
9,5 mm	4 mm	0,5 - 0,8 Nm

.374"	.157"	4.4 - 7.1 lb.in
		NEMA 1

For drilling pattern see page: assembly and accessories

Observations

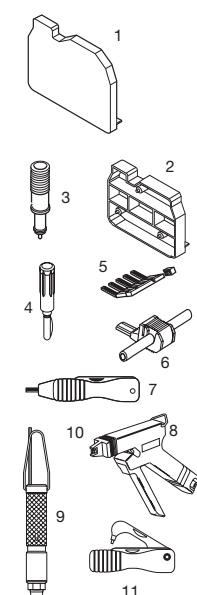
Terminal block body material is UL 94 V0.

DH 4/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).

DH 4/8.A.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

Accessories



Type	P/N	Type	P/N
FEAD1	V0	th. 2,5 mm	1SNA 199 421 R1600
FEAD1	V0	th. 2,5 mm	1SNA 199 422 R1700
FEAD5	V0	th. 5,0 mm	1SNA 199 433 R1200
FEAD5	V0	th. 5,0 mm	1SNA 199 434 R1300
DCJ		1SNA 173 059 R0300	
FC2	DIA. 2 mm	1SNA 007 865 R2600	
PC8	50 A 2 poles	1SNA 116 538 R1700	
PC8	50 A 3 poles	1SNA 116 539 R1000	
PC8	50 A 4 poles	1SNA 116 540 R2500	
PC8	50 A 10 poles	1SNA 163 313 R2400	
AD2,5	24 A	1SNA 114 205 R2000	
OUMAD		1SNA 179 466 R0600	
OUPAD		1SNA 178 944 R0400	
OUTAD		1SNA 205 710 R1100	
OUTA		1SNA 205 284 R0300	
EXAD2		1SNA 205 721 R0000	
FEAD1	V0	th. 2,5 mm	1SNA 199 421 R1600
FEAD1	V0	th. 2,5 mm	1SNA 199 422 R1700
FEAD5	V0	th. 5,0 mm	1SNA 199 433 R1200
FEAD5	V0	th. 5,0 mm	1SNA 199 434 R1300
DCJ		1SNA 173 059 R0300	
FC2	DIA. 2 mm	1SNA 007 865 R2600	
PC8	50 A 2 poles	1SNA 116 538 R1700	
PC8	50 A 3 poles	1SNA 116 539 R1000	
PC8	50 A 4 poles	1SNA 116 540 R2500	
PC8	50 A 10 poles	1SNA 163 313 R2400	
AD2,5	24 A	1SNA 114 205 R2000	
OUMAD		1SNA 179 466 R0600	
OUPAD		1SNA 178 944 R0400	
OUTAD		1SNA 205 710 R1100	
OUTA		1SNA 205 284 R0300	
EXAD2		1SNA 205 721 R0000	

R See section on markers marking method

On top RCAL85

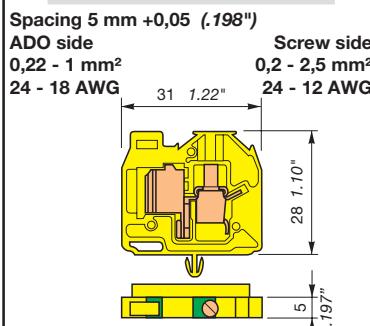
On top RCAL85

Miniblocks
Insulation Displacement
ADO - Screw clamp
ground terminal blocks not electrically connected to the mounting plate
Base mount with snap in mounting foot

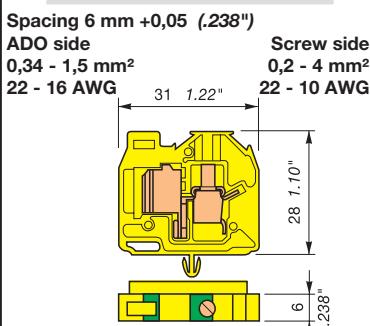


Other accessories of this terminal blocks:
see pages of same size standard blocks.

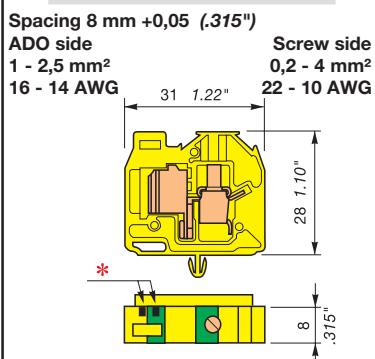
DH 2,5/5.PI.ADO



DH 4/6.PI.ADO



DH 4/8.PI.ADO



Type Part number

Yellow body / Green marking	DH 2,5/5.PI.ADO 1SNA 399 526 R2700
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Type Part number

Yellow body / Green marking	DH 4/6.PI.ADO 1SNA 299 524 R2100
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Type Part number

Yellow body / Green marking	DH 4/8.PI.ADO 1SNA 299 528 R0500
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Characteristics

Wire size	IEC DIN		UL/CSA		IEC DIN		UL/CSA		IEC DIN		UL/CSA	
	Screw	Rigid	0,2 - 4 mm ²	24-12 AWG	Screw	Rigid	0,2 - 4 mm ²	22-10 AWG	Screw	Rigid	0,2 - 4 mm ²	22-10 AWG
ADO		Flexible	0,22 - 2,5 mm ²	24-12 AWG			0,22 - 4 mm ²	22-10 AWG			0,22 - 4 mm ²	22-10 AWG
	Rigid		0,2-1 mm ²	24-18 AWG			0,28-1,5 mm ²	22-16 AWG			1-2,5 mm ²	16-14 AWG
	Flexible		0,22-1 mm ²	24-18 AWG			0,34-1,5 mm ²	22-16 AWG			1-2,5 mm ²	16-14 AWG

Rated current short-circuit

120 A / 1 s.

Rated wire size nominal / gauge

1 mm²

18 AWG

Other characteristics	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm	3,5 mm	0,4-0,6 Nm	IP 20	9,5 mm	4 mm	0,5-0,8 Nm	IP 20	9,5 mm	4 mm	0,5-0,8 Nm	IP 20
	.374"	.137"	3.5-5.3 lb.in	NEMA 1	.374"	.157"	4.4-7.1 lb.in	NEMA 1	.374"	.157"	4.4-7.1 lb.in	NEMA 1

Approvals

Accessories

Type

Part number

Type

Part number

Type

Part number

1 End section	grey	FEAD1 V0 th. 2,5 mm 1SNA 199 421 R1600	FEAD1 V0 th. 2,5 mm 1SNA 199 421 R1600	FEAD1 V0 th. 2,5 mm 1SNA 199 421 R1600	FEAD1 V0 th. 2,5 mm 1SNA 199 421 R1600
	orange	FEAD1 V0 th. 2,5 mm 1SNA 199 422 R1700	FEAD1 V0 th. 2,5 mm 1SNA 199 422 R1700	FEAD1 V0 th. 2,5 mm 1SNA 199 422 R1700	FEAD1 V0 th. 2,5 mm 1SNA 199 422 R1700

R See section on markers mode

On top

RC55

On top

RC65

On top

RCAL85

Miniblocks

Insulation Displacement

ADO - Screw clamp

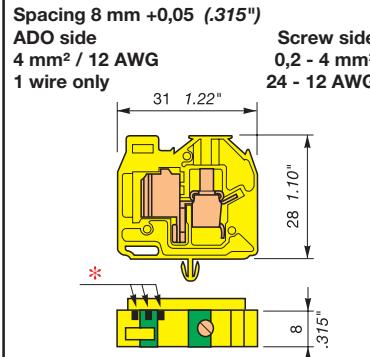
ground terminal blocks not electrically connected to the mounting plate

Base mount with snap in mounting foot



Other accessories of this terminal blocks:
see pages of same size standard blocks.

DH 4/8.A.PI.ADO3



Type Part number

Yellow body / Green marking	DH 4/8.A.PI.ADO3 1SNA 399 441 R0200
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Type Part number

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Type

Part number

Characteristics

Wire size	IEC DIN		UL/CSA		IEC DIN		UL		CSA		IEC DIN		UL		CSA	
	Screw	Rigid	0,2 - 4 mm ²	24-12 AWG	Screw	Rigid	0,2 - 4 mm ²	22-10 AWG	Screw	Rigid	0,2 - 4 mm ²	22-10 AWG	Screw	Rigid	0,2 - 4 mm ²	22-10 AWG
ADO		Flexible	0,22 - 2,5 mm ²	24-12 AWG			0,22 - 4 mm ²	22-10 AWG			0,22 - 4 mm ²	22-10 AWG			0,22 - 4 mm ²	22-10 AWG
	Rigid		4 mm ²	12 AWG			4 mm ²	12 AWG			4 mm ²	12 AWG			4 mm ²	12 AWG
	Flexible		4 mm ²	12 AWG			4 mm ²	12 AWG			4 mm ²	12 AWG			4 mm ²	12 AWG

Rated current short-circuit

480 A / 1 s.

Rated wire size nominal / gauge

4 mm²

12 AWG

Other characteristics	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
	9,5 mm	4 mm	0,5-0,8 Nm	IP 20								
	.374"	.157"	4.4-7.1 lb.in	NEMA 1								

Approvals

Accessories	Type	Part number	Type	Part number	Type	Part number
1 End section	grey	FEAD1 V0 th. 2,5 mm 1SNA 199 421 R1600				

R See section on markers mode

On top

RCAL85

Terminal blocks

Insulation displacement

ADO - ADO

└ DIN 3

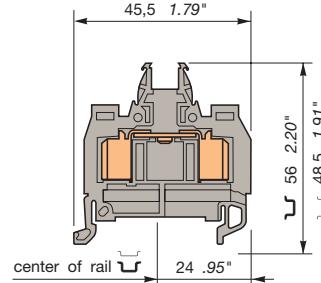
ADO wire size

0.22 - 1 mm²

24 - 18 AWG



Spacing 5 mm +0.05 .198"

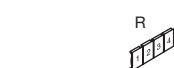


Standard 5 mm block



Accessories

	Type	Part number		
1 End section	grey yellow	FEMAD3	th. 3 mm	1SNA 199 341 R0500
2 Circuit separator	grey	FEMAD3	th. 3 mm	1SNA 199 343 R0700
3 Test socket		SCAD5		1SNA 199 551 R2000
4 Test plug		AL2 (1)	DIA. 2 mm	1SNA 163 046 R2400
		FC2	DIA. 2 mm	1SNA 007 865 R2600
6 Assembled jumper bar (with IP20 protection)	BJM15 (1) 24 A	2 poles	1SNA 176 278 R1600	
	BJM15 (1) 24 A	3 poles	1SNA 176 279 R1700	
	BJM15 (1) 24 A	4 poles	1SNA 176 280 R0500	
	BJM15 (1) 24 A	5 poles	1SNA 176 281 R2200	
	BJM15 (1) 24 A	10 poles	1SNA 176 282 R2300	
7 Jumper bar not assembled Post + screw + washer	BJS5 (1) 24 A	20 poles	1SNA 177 652 R0600	
	EV5		1SNA 168 629 R1600	
9 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.2 13,5 A	2 poles	1SNA 205 955 R0300	
	BJADO5.3 13,5 A	3 poles	1SNA 205 956 R0400	
	BJADO5.4 13,5 A	4 poles	1SNA 205 957 R0500	
	BJADO5.5 13,5 A	5 poles	1SNA 205 958 R1600	
	BJADO5.10 13,5 A	10 poles	1SNA 205 963 R0300	
	BJADO5.20 13,5 A	20 poles	1SNA 205 973 R0500	
10 Shield connector	CBM5	th. 0.5 mm	1SNA 178 745 R1400	
	CBM8	th. 0.8 mm	1SNA 178 746 R1500	
11 Hand tool kit	OUMAD		1SNA 179 466 R0600	
12 Semi-automatic tool	OUPAD		1SNA 178 944 R0400	
13 Pneumatic tool kit	OUTAD		1SNA 205 710 R1100	
14 Replacement head kit	OUTA		1SNA 205 284 R0300	
15 Extraction tool kit	EXAD2		1SNA 205 721 R0000	
16 Test connector	CEADO.5		1SNA 399 345 R1100	
	CEAOE		1SNA 399 341 R1500	



R See section on markers

marking method

RC55 RC510 RTM7

(1) SC and 500 V (IEC) rated voltage required with these accessories.

Terminal blocks

Insulation displacement

ADO - ADO

└ DIN 3

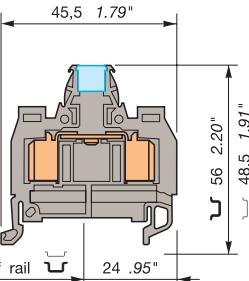
ADO wire size

0,22 - 1 mm²

24 - 18 AWG



Spacing 5 mm +0,05 .198"

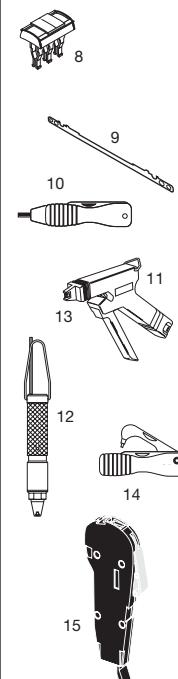


D 1/5.ADO with partition



Accessories

	Type	Part number	
1 End section	grey	FEMAD3	th. 3 mm 1SNA 199 341 R0500
2 Test socket	yellow	FEMAD3	th. 3 mm 1SNA 199 343 R0700
3 Test plug		AL2	DIA. 2 mm 1SNA 163 046 R2400
5 Assembled jumper bar (with IP20 protection)		FC2	DIA. 2 mm 1SNA 007 865 R2600
6 Jumper bar not assembled Post + screw + washer		BJMI5 (2) 24 A	2 poles 1SNA 176 278 R1600
		BJMI5 (2) 24 A	3 poles 1SNA 176 279 R1700
		BJMI5 (2) 24 A	4 poles 1SNA 176 280 R0500
		BJMI5 (2) 24 A	5 poles 1SNA 176 281 R2200
		BJMI5 (2) 24 A	10 poles 1SNA 176 282 R2300
		BJS5 (2) 24 A	20 poles 1SNA 177 652 R0600
		EV5 (2)	1SNA 168 629 R1600
8 Screwless jumper bar to be inserted into ADO jaw orange IP20		BJADO5.2 13,5 A	2 poles 1SNA 205 955 R0300
		BJADO5.3 13,5 A	3 poles 1SNA 205 956 R0400
		BJADO5.4 13,5 A	4 poles 1SNA 205 957 R0500
		BJADO5.5 13,5 A	5 poles 1SNA 205 958 R1600
		BJADO5.10 13,5 A	10 poles 1SNA 205 963 R0300
		BJADO5.20 13,5 A	20 poles 1SNA 205 973 R0500
9 Shield connector		CBM5	th. 0,5 mm 1SNA 178 745 R1400
		CBM8	th. 0,8 mm 1SNA 178 746 R1500
10 Hand tool kit		OUMAD	1SNA 179 466 R0600
11 Semi-automatic tool		OUPAD	1SNA 178 944 R0400
12 Pneumatic tool kit		OUTAD	1SNA 205 710 R1100
13 Replacement head lit		OUTA	1SNA 205 284 R0300
14 Extraction tool kit		EXAD2	1SNA 205 721 R0000
15 Test connector		CEADO.5	1SNA 399 345 R1100
		CEADOE	1SNA 399 341 R1500



End stop	└ th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	└ th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	└ th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	└ 35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	└ 35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	└ 35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC	UL/CSA
	NFC	DIN
Screw	Rigid	
	Flexible	
ADO	Rigid 0,2-1 mm ²	24-18 AWG
	Flexible 0,22-1 mm ²	24-18 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degrees	3	

Current

Rated	13,5 A	7 A
-------	--------	-----

Wire size

Rated	1 mm ²	18 AWG
Wire stripping length (screw)	Recommended (screw)	Weight Protection
		5 g IP 20
		.18 oz NEMA 1

Notes

Standard block 5 mm spacing. For multiple wires connections, the 2 wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.



R See section on markers

marking method

(2) Use of these accessories requires the user to cut out the partition.

Colour	Type	Part number
Standard blocks		
Grey	D 1/5.ADO.1	1SNA 199 571 R2400

Terminal blocks

Insulation displacement

ADO - ADO

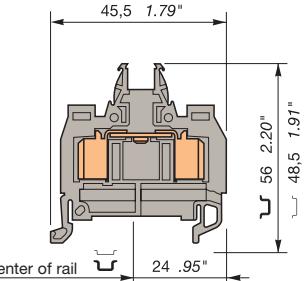
DIN 3

ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



D 1,5/6... .ADO

Spacing 5 mm +0,05 .200"



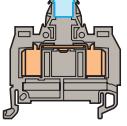
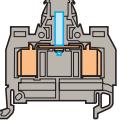
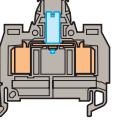
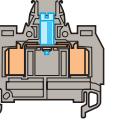
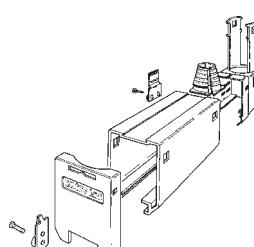
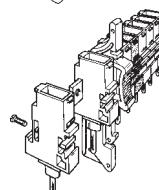
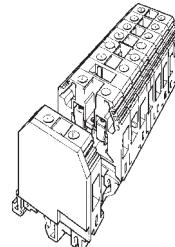
Standard 6 mm block



Accessories

		Type	Part number
1	1 End section	grey	1SNA 199 341 R0500
2	2 Circuit separator	yellow	1SNA 199 343 R0700
3	3 Test socket	SCAD	1SNA 196 896 R0000
4	4 Test plug	AL2 (1)	1SNA 163 043 R2100
		AL3 (1)	1SNA 163 261 R0000
		FC2	1SNA 007 865 R2600
		FC4	1SNA 167 860 R0100
6	6 Assembled jumper bar (with IP20 protection)	BJMI6 (1)	1SNA 176 663 R0000
		BJMI6 (1)	1SNA 176 664 R0100
		BJMI6 (1)	1SNA 176 665 R0200
		BJMI6 (1)	1SNA 176 666 R0300
		BJMI6 (1)	1SNA 176 667 R0400
7	7 Jumper bar not assembled Post + washer + captive screw IP20	BJS6 (1)	1SNA 174 784 R2000
		EV6I	1SNA 206 394 R0200
9	9 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO6.2	1SNA 205 974 R0600
		BJADO6.3	1SNA 205 975 R0700
		BJADO6.4	1SNA 205 976 R0000
		BJADO6.5	1SNA 205 977 R0100
		BJADO6.10	1SNA 205 982 R2700
		BJADO6.20	1SNA 205 992 R2100
10	10 Pivoting jumper bar	BJP6 (1)	1SNA 174 413 R1400
11	11 Jumper bar for alternated jumping	BJA6 (1)V2	1SNA 116 541 R1200
12	12 Universal jumper bar	BJDP1 (1) (2)	1SNA 179 623 R0300
		BJDP3 (1) (2)	1SNA 179 625 R0500
		BJDP4 (1) (2)	1SNA 174 781 R2500
13	13 Connector plate	EL6	1SNA 173 627 R2100
14	14 Shield connector	CBM5	1SNA 178 745 R1400
		CBM8	th. 0,8 mm 1SNA 178 746 R1500
15	15 Protection label Screw for protection label	EP6 V2	4 blocks 1SNA 163 427 R1700
		VSP6 V2	1SNA 163 433 R1500
16	16 Hand tool kit	OUMAD	1SNA 179 466 R0600
17	17 Semi-automatic tool	OUPAD	1SNA 178 944 R0400
18	18 Pneumatic tool kit	OUTAD	1SNA 205 710 R1100
19	19 Replacement head kit	OUTA	1SNA 205 284 R0300
20	20 Extraction tool kit	EXAD2	1SNA 205 721 R0000
21	21 Test connector	CEADO.6	1SNA 399 346 R1200
		CEADOE	1SNA 399 341 R1500
17			
18			
19			
20			
21			
R	R See section on markers	marking method	RC65 RC610 RTM7

(1) SC and 500 V (IEC) rated voltage are required with the use of these accessories.
(2) Use of these accessories requires the user to cut out the partition.

	D 1,5/6.ADO.1	D 1,5/6.ADO.2	D 1,5/6.ADO.4	D 1,5/6.ADO.C	
	Spacing 6 mm +0,05 .238" 	Spacing 6 mm +0,05 .238" 	Spacing 6 mm +0,05 .238" 	Spacing 6 mm +0,05 .238" 	
	Grey □ 1SNA 199 055 R2200 D 1,5/6.ADO with partition	Grey □ 1SNA 199 057 R2400 D 1,5/6.ADO.1 equipped with DIA. 2 mm test socket for test	Grey □ 1SNA 199 090 R2200 D 1,5/6.ADO.1 equipped with DIA. 4 mm test socket for test	Grey □ 1SNA 199 085 R1100 D 1,5/6.ADO.1 equipped with DIA.2,5 mm flexible test socket for connector - (2)	
	 	 	 	 	
Part numbers	Part numbers	Part numbers	Part numbers	Part numbers	Various applications
	1SNA 199 341 R0500	1SNA 199 341 R0500	1SNA 199 341 R0500	1SNA 199 341 R0500	
	1SNA 163 043 R2100 1SNA 163 261 R0000 1SNA 007 865 R2600	1SNA 007 865 R2600	1SNA 167 860 R0100		
	(3) 1SNA 176 663 R0000 (3) 1SNA 176 664 R0100 (3) 1SNA 176 665 R0200 (3) 1SNA 176 666 R0300 (3) 1SNA 176 667 R0400 (3) 1SNA 174 784 R2000 (3) 1SNA 206 394 R0200				
	1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100	1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100	1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100	1SNA 205 974 R0600 1SNA 205 975 R0700 1SNA 205 976 R0000 1SNA 205 977 R0100 1SNA 205 982 R2700 1SNA 205 992 R2100	
	(3) 1SNA 174 413 R1400 (3) 1SNA 116 541 R1200 (2)(3) 1SNA 179 623 R0300 (2)(3) 1SNA 179 625 R0500 (2)(3) 1SNA 174 781 R2500 (3) 1SNA 173 627 R2100				
	1SNA 178 745 R1400 1SNA 178 746 R1500 1SNA 163 427 R1700 1SNA 163 433 R1500	1SNA 178 745 R1400 1SNA 178 746 R1500	1SNA 178 745 R1400 1SNA 178 746 R1500	1SNA 178 745 R1400 1SNA 178 746 R1500	
	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 346 R1200 1SNA 399 341 R1500	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 346 R1200 1SNA 399 341 R1500	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 346 R1200 1SNA 399 341 R1500	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 346 R1200 1SNA 399 341 R1500	D 1,5/6.ADO.C terminal blocks equipped with DIA. 2,5 mm test socket receive a connector.
					BJDP1 is used for the interconnection with terminal block series "M": spacing 16 mm.
					BJDP3 is used for the interconnection with terminal block series "M": spacing 12 mm.
					BJDP4 is used for the interconnection with terminal block series "D": spacing 8 mm. or terminal block series "M": spacing 8 or 10 mm.
	RC65 RC610 RTM7	RC65 RC610 RTM7	RC65 RC610 RTM7	RC65 RC610 RTM7	

(2) See column : "Various applications".

(3) Use of these accessories requires the user to cut out the partition.

Terminal blocks

Insulation displacement

ADO - ADO

└ DIN 3

ADO wire size

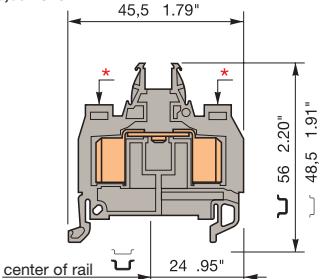
1 - 2,5 mm²

16 - 14 AWG



D 2,5/8... .ADO

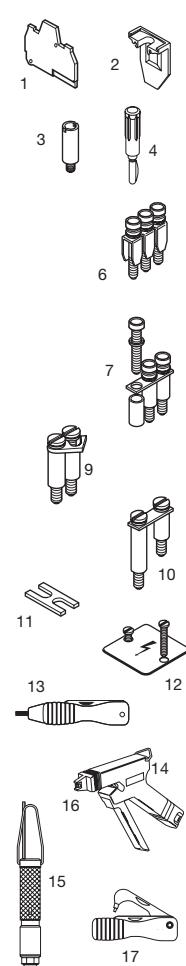
Spacing 8 mm +0,05 .315"



Standard 8 mm block



Accessories



Colour	Type	Part Number
<i>Standard blocks</i>		
Grey	D 2,5/8.ADO	1SNA 199 059 R0600
Orange	D 2,5/8.ADO	1SNA 199 060 R0300
Blue	D 2,5/8.N.ADO	1SNA 199 061 R2000
Black	D 2,5/8.ADO	1SNA 199 089 R2500
Red	D 2,5/8.ADO	1SNA 199 087 R1300
Ivory	D 2,5/8.ADO	1SNA 199 088 R2400
Yellow	D 2,5/8.ADO	1SNA 199 092 R1000
Green	D 2,5/8.ADO	1SNA 199 148 R0400

refer to the section "Special Applications" for part numbers and characteristics.

End stop	└	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	└	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	└	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	└	35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail	└	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	└	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC NFC	DIN	UL	CSA
Screw	Rigid			
	Flexible			

ADO	Rigid	1-2,5 mm ²	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Rated	1000 V	600 V	600 V
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	24 A	25 A	25 A

Wire size

Rated	2,5 mm ²	16 AWG	16 AWG
Wire stripping length (screw)	Recommended (screw)	Weight	Protection
		9 g	IP 20
		.32 oz	NEMA 1

Notes

Standard block 8 mm spacing. For multiple wires connections, the 2 wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

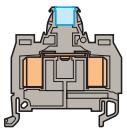
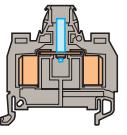
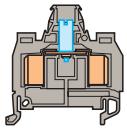
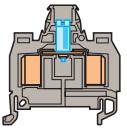
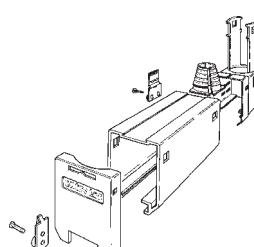
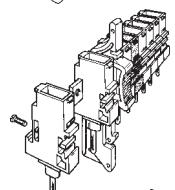
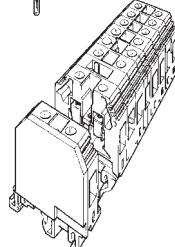
* Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)



R See section on markers
marking method

RTM7 RC810.25 RCAL85

(1) SC and 500 V (IEC) rated voltage required with these accessories.
(2) See column : "Various applications".

	D 2,5/8.ADO.1	D 2,5/8.ADO.2	D 2,5/8.ADO.4	D 2,5/8.ADO.C	
	Spacing 8 mm +0,05 .315"	Spacing 8 mm +0,05 .315"	Spacing 8 mm +0,05 .315"	Spacing 8 mm +0,05 .315"	
					
	Grey □ 1SNA 199 063 R2200 <i>D 2,5/8.ADO with partition</i>	Grey □ 1SNA 199 160 R0400 <i>D 2,5/8.ADO.1 equipped with DIA. 2 mm test socket for test</i>	Grey □ 1SNA 199 162 R2200 <i>D 2,5/8.ADO.1 equipped with DIA. 4 mm test socket for test</i>	Grey □ 1SNA 199 161 R2100 <i>D 2,5/8.ADO.1 equipped with DIA. 2,5 mm flexible test socket for connector - (2)</i>	
	 	 	 	 	
Part numbers	Part numbers	Part numbers	Part numbers	Part numbers	Various applications
	1SNA 199 341 R0500	1SNA 199 341 R0500	1SNA 199 341 R0500	1SNA 199 341 R0500	
	1SNA 163 043 R2100 1SNA 163 262 R0100 1SNA 163 240 R1700				
V2	1SNA 007 865 R2600 V2 1SNA 167 860 R0100	V2 1SNA 007 865 R2600	V2 1SNA 167 860 R0100		
	V2(3) 1SNA 176 669 R1600 V2(3) 1SNA 176 670 R1300 V2(3) 1SNA 176 671 R0000 V2(3) 1SNA 176 672 R0100 V2(3) 1SNA 176 673 R0200 (3) 1SNA 174 789 R0500 (3) 1SNA 206 394 R0200				
	(3) 1SNA 174 448 R0700 (2)(3) 1SNA 179 623 R0300 (2)(3) 1SNA 179 625 R0500 (2)(3) 1SNA 174 782 R2600 (3) 1SNA 173 627 R2100				
	V2 1SNA 163 427 R1700 V2 1SNA 163 428 R2000 V2 1SNA 163 433 R1500				
	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	1SNA 179 466 R0600 1SNA 178 944 R0400 1SNA 205 710 R1100 1SNA 205 284 R0300 1SNA 205 721 R0000 1SNA 399 348 R2400 1SNA 399 341 R1500	D 2,5/8.ADO.C terminal blocks equipped with DIA. 2,5 mm test socket receive a connector. See general catalog "connexion".
		Rated voltage: 800 V (IEC)		Rated voltage: 800 V (IEC)	
	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	RTM7 RC810 RCAL85	BJDP1 is used for the interconnection with terminal block series "M": spacing 16 mm.
					BJDP3 is used for the interconnection with terminal block series "M": spacing 12 mm.
					BJDP5 is used for the interconnection with terminal block series "M": spacing 10 mm.

(2) See column : "Various applications".

(3) Use of these accessories requires the user to cut out the partition.

Terminal blocks

Insulation displacement

ADO - ADO

└ DIN 3

ADO wire size

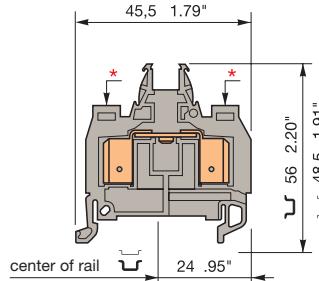
4 mm²

12 AWG



Spacing 8 mm +0,05 .315"

D 4/8.ADO



Standard 8 mm block



Accessories

	Type	Part numbers
1 End section	grey	FEMAD3 th. 3 mm 1SNA 199 341 R0500
2 Circuit separator	grey	SCAD 1SNA 196 896 R0000
3 Test socket		AL2 (1) DIA. 2 mm 1SNA 163 043 R2100 AL3 (1) DIA. 3 mm 1SNA 163 262 R0100 AL4 (1) DIA. 4 mm 1SNA 163 240 R1700 FC2 (3) DIA. 2 mm 1SNA 007 865 R2600 FC4 (3) DIA. 4 mm 1SNA 167 860 R0100
4 Test plug		
6 Assembled jumper bar (with IP20 protection)		BJMI8 (1) 41 A 2 poles 1SNA 176 669 R1600 BJMI8 (1) 41 A 3 poles 1SNA 176 670 R1300 BJMI8 (1) 41 A 4 poles 1SNA 176 671 R0000 BJMI8 (1) 41 A 5 poles 1SNA 176 672 R0100 BJMI8 (1) 41 A 10 poles 1SNA 176 673 R0200
7 Jumper bar not assembled Post + washer + captive screw IP20		BJS8 41 A 20 poles 1SNA 174 789 R0500 EV61 1SNA 206 394 R0200
9 Pivoting jumper bar		BJP8 (1)(4) 50 A 1SNA 174 448 R0700
10 Universal jumper bar		BJDP1 (1)(2) 50 A spacing 8<->spacing 16 1SNA 179 623 R0300
11 Connector plate		BJDP3 (1)(2) 70 A spacing 8<->spacing 12 1SNA 179 625 R0500
12 Protection label		BJDP5 (1)(2) 50 A spacing 8<->spacing 10 1SNA 174 782 R2600
13 Screw for protection label		EL6 (4) 35 A 1SNA 173 627 R2100
14 Hand tool kit		EP6 3 blocks 1SNA 163 427 R1700
15 Semi-automatic tool		EP8 4 blocks 1SNA 163 428 R2000
16 Replacement head kit		VSP6 1SNA 163 433 R1500
13 Extraction tool kit		OUMAD 1SNA 179 466 R0600
14		OUPAD 1SNA 178 944 R0400
15		OUTA 1SNA 205 284 R0300
16		EXAD2 1SNA 205 721 R0000

(2) **BJDP1** is used for the interconnection with terminal block series "M". spacing 16 mm.
BJDP3 is used for the interconnection with terminal block series "M": spacing 12 mm.
BJDP5 is used for the interconnection with terminal block series "M": spacing 10 mm.

End stop	└	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	└	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	└	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	└	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	└	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	└	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC	UL/CSA
	NFC	DIN
Screw	Rigid	
	Flexible	
ADO	Rigid 4 mm ²	12 AWG
	Flexible 4 mm ²	12 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	32 A	25 A
-------	------	------

Wire size

Rated	4 mm ²	12 AWG
Wire stripping length (screw)	Recommended (screw)	Weight Protection
		9 g IP 20
		.32 oz NEMA 1

Notes

Standard 8 mm block for connection of only one rigid or flexible 4 mm² wire.

* White marking for wire size 4 mm² (12 AWG)



R See section on markers
marking method

(1) A circuit separator SC and 500 V (IEC) rated voltage are required with these accessories.

(3) Forbidden under explosive atmosphere EEX usage. (4) Only certified for "i" security.

RTM7 RC 810 RCAL85

Terminal blocks

Insulation displacement

Double deck ADO - ADO

DIN 3
ADO wire size
0,22 - 1 mm²
24 - 18 AWG



End stop		th. 12 mm	BADH	V2	1SNA 116 900 R2700
End stop		th. 9,1 mm	BAMH	V2	1SNA 114 836 R0000
End stop		th. 9,1 mm	BAMH V0	V0	1SNA 194 836 R0100
Rail		35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC NFC	DIN	UL	CSA
Screw	Rigid			
	Flexible			

ADO	Rigid	0,2-1 mm ²	24-18 AWG	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG	24-18 AWG

Voltage

Rated	630 V		
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	13,5 A		

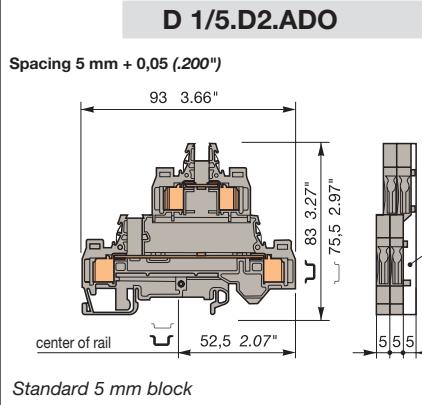
Wire size

Rated	1 mm ²	18 AWG	18 AWG
Wire stripping length (screw)	Recommended (screw)	Weight	Protection
		15 g .53 oz	IP 20 NEMA 1

Notes

For multiple wires connections the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material UL 94 V0.

Some accessories can decrease the block's voltage rating. Consult us for more information.



Color	Type	Part numbers
<i>Standard blocks</i>		
Grey	D 1/5.D2.ADO	1SNA 399 896 R2300
Blue	D 1/5.D2.N.ADO	1SNA 399 897 R2400



Accessories	Type	Part numbers
1 End section grey	FED2AD2 V0	1SNA 199 476 R2500
2 Circuit separator	SCAD5 V0	1SNA 199 551 R2000
3 Test socket	AL2 DIA. 2 mm	1SNA 163 046 R2400
4 Test plug	FC2 DIA. 2 mm	1SNA 007 865 R2600
6 Assembled jumper bar (with IP20 protection)	BJMI5 (1) 24 A 2 poles	1SNA 176 278 R1600
6 Assembled jumper bar (with IP20 protection)	BJMI5 (1) 24 A 3 poles	1SNA 176 279 R1700
6 Assembled jumper bar (with IP20 protection)	BJMI5 (1) 24 A 4 poles	1SNA 176 280 R0500
6 Assembled jumper bar (with IP20 protection)	BJMI5 (1) 24 A 5 poles	1SNA 176 281 R2200
6 Assembled jumper bar (with IP20 protection)	BJMI5 (1) 24 A 10 poles	1SNA 176 282 R2300
7 Jumper bar not assembled Post + screw + washer	BJS5 (1) 24 A 20 poles	1SNA 177 652 R0600
7 Jumper bar not assembled Post + screw + washer	EV5 24 A 20 poles	1SNA 168 629 R1600
8 Jumper bar for alternated jumping	BJA5 24 A 10 poles	1SNA 205 021 R2600
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.2 13,5 A 2 poles	1SNA 205 955 R0300
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.3 13,5 A 3 poles	1SNA 205 956 R0400
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.4 13,5 A 4 poles	1SNA 205 957 R0500
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.5 13,5 A 5 poles	1SNA 205 958 R1600
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.10 13,5 A 10 poles	1SNA 205 963 R0300
10 Screwless jumper bar to be inserted into ADO jaw orange IP20	BJADO5.20 13,5 A 20 poles	1SNA 205 973 R0500
11 Connector plate	EL6	1SNA 173 627 R2100
12 Shield connector	CBD2S	1SNA 178 408 R1400
13 Hand tool kit	OUMAD	1SNA 179 466 R0600
14 Semi-automatic tool	OUPAD	1SNA 178 944 R0400
15 Pneumatic tool kit	OUTAD	1SNA 205 710 R1100
16 Replacement head kit	OUTA	1SNA 205 284 R0300
17 Extraction head kit	EXAD2	1SNA 205 721 R0000
18 Test connector	CEADO,5	1SNA 399 345 R1100
18 Test connector	CEAOE	1SNA 399 341 R1500
R See section on markers marking method	RC55 RC510 RTM7	

(1) SCAD5 is required with these accessories

Terminal blocks

Insulation displacement

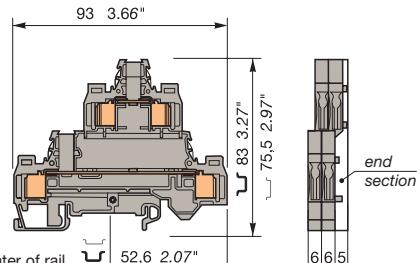
Double deck ADO - ADO

DIN 3
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



D 1,5/6.D2.ADO

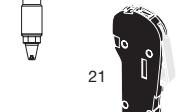
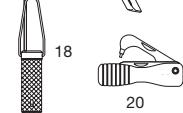
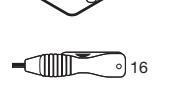
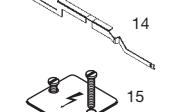
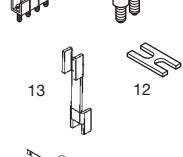
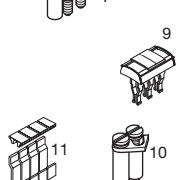
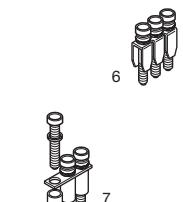
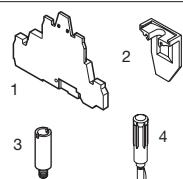
Spacing 6 mm + 0,05 (.238")



Standard 6 mm block



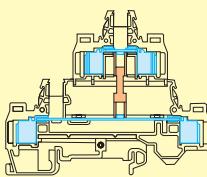
Accessories



Color	Type	Part numbers
-------	------	--------------

Standard blocks

Grey	D 1,5/6.D2.ADO	1SNA 199 480 R2600
Blue	D 1,5/6.D2.N.ADO	1SNA 199 482 R1400
Orange	D 1,5/6.D2.ADO	1SNA 199 481 R1300



Vertical jumper bar assembly (ITVE marker 14)

Notes : (1) A circuit separator SC and 500V (IEC) rated voltage are required with these accessories.

R See section on markers marking method

RC65 RC610 RTM7

refer to the section "Special Applications" for part numbers and characteristics.

End stop	th. 12 mm	BADH	V2	1SNA 116 900 R2700
End stop	th. 9,1 mm	BAMH	V2	1SNA 114 836 R0000
End stop	th. 9,1 mm	BAMH V0	V0	1SNA 194 836 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		

ADO	Rigid	0,28-1,5 mm ²	22-16 AWG	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	800 V	300 V	300 V
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	17,5 A	18 A	18 A

Wire size

Rated	1,5 mm ²	16 AWG	16 AWG
Wire stripping length (screw)	Recommended (screw)	Weight	Protection
		18 g	IP 20
		.63 oz	NEMA 1

Notes

For multiple wires connections the wires need to be of the same gage and nature (rigid or flexible).

Terminal block body material UL 94 V0.

Some accessories can decrease the block's voltage rating. Consult us for more information.

Terminal blocks

Insulation displacement

Double deck
ADO - ADO

DIN 3

ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



End stop	th. 12 mm	BADH	V2	1SNA 116 900 R2700
End stop	th. 9,1 mm	BAMH	V2	1SNA 114 836 R0000
End stop	th. 9,1 mm	BAMH V0	V0	1SNA 194 836 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Characteristics

Wire size

	IEC NFC	UL	CSA
Screw	Rigid		
	Flexible		

ADO	Rigid	0,28-1,5 mm ²	22-16 AWG	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	800 V	300 V	300 V
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	17,5 A	18 A	18 A

Wire size

Rated	1,5 mm ²	16 AWG	16 AWG
Wire stripping length (screw)	Recommended (screw)	Weight	Protection
		18 g .63 oz	IP 20 NEMA 1

Notes

For multiple wires connections the wires need to be of the **same gage and nature** (rigid or flexible).

Terminal block body material UL 94 V0.

Some accessories can decrease the block's voltage rating. Consult us for more information.

Color	Type	Part numbers
Standard blocks		
Grey	D 1,5/6.D2.ADO.1	1SNA 199 494 R1000
Vertical jumper bar assembly (ITVE marker 14)		
Accessories		
1 End section	grey	FED2AD2 V0
2 Test socket		th. 5,0 mm 1SNA 199 476 R2500 AL2 DIA. 2,0 mm 1SNA 163 043 R2100 AL3 DIA. 3,0 mm 1SNA 163 261 R0000
3 Test plug		FC2 DIA. 2,0 mm 1SNA 007 865 R2600
5 Assembled jumper bar (with IP20 protection)		BJMI6 32 A 2 poles 1SNA 176 663 R0000 BJMI6 32 A 3 poles 1SNA 176 664 R0100 BJMI6 32 A 4 poles 1SNA 176 665 R0200 BJMI6 32 A 5 poles 1SNA 176 666 R0300 BJMI6 32 A 10 poles 1SNA 176 667 R0400
6 Jumper bar not assembled Post + washer + captive screw IP20		BJS6 32 A 20 poles 1SNA 174 784 R2000 EV6I 1SNA 206 394 R0200
8 Screwless jumper bar to be inserted into ADO jaw orange IP20		BJADO6.2 17,5 A 2 poles 1SNA 205 974 R0600 BJADO6.3 17,5 A 3 poles 1SNA 205 975 R0700 BJADO6.4 17,5 A 4 poles 1SNA 205 976 R0000 BJADO6.5 17,5 A 5 poles 1SNA 205 977 R0100 BJADO6.10 17,5 A 10 poles 1SNA 205 982 R2700 BJADO6.20 17,5 A 20 poles 1SNA 205 992 R2100 Bjp6 35 A 1SNA 174 413 R1400
9 Pivoting jumper bar		BJA6 32 A 10 poles 1SNA 116 541 R1200
10 Jumper bar for altered jumping		EL6 35 A 1SNA 173 627 R2100
11 Connector plate		ITVE 1SNA 179 694 R0300
12 Vertical jumper bar		CB2DS 1SNA 178 408 R1400
13 Shield connector		EP6 4 blocks 1SNA 163 427 R1700
14 Protection label		VSP6 1SNA 163 433 R1500
15 Hand tool kit		OUMAD 1SNA 179 466 R0600
16 Semi-automatic tool		OUPAD 1SNA 178 944 R0400
17 Pneumatic tool kit		OUTAD 1SNA 205 710 R1100
18 Replacement head kit		OUTA 1SNA 205 284 R0300
19 Extraction tool kit		EXAD2 1SNA 205 721 R0000
20 Test connector		CEADO.6 1SNA 399 346 R1200 CEADOE 1SNA 399 341 R1500
(1) Use of this accessories requires the user to cut out the partition.		
RC65 RC610 RTM7		

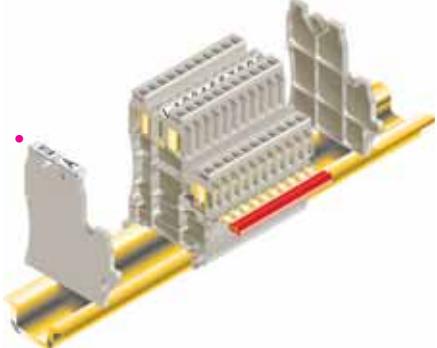
Terminal blocks

Insulation displacement

for sensors/actuators



DIN 3



- To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

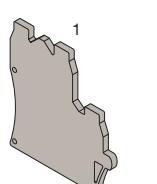
Other end stops, rails and accessories : see section on accessories.

Notes

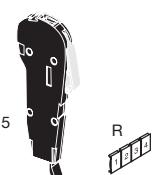
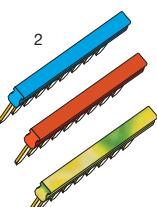
For multiple wires connections, on the upper deck only, the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material UL 94 V0.

- * End section kit includes :
 - 1 right end section
 - 1 left end section
 - 1 marker-holder

Accessories



- 1 End section grey
2 Comb type jumper bar
3 Hand tool kit
4 Semi-automatic tool
5 Test connector



R See section on markers marking method

D 1/5.C2.ADO				D 1/5.C2.ADO.L			
Color		Type	Part numbers	Color		Type	Part numbers
Grey		D 1/5.C2.ADO	1SNA 399 686 R0000	Grey - Green Led	D 1/5.C2.ADO.L	1SNA 399 687 R0100	
				Grey - Red Led	D 1/5.C2.ADO.L	1SNA 399 688 R1200	
Characteristics				Characteristics			
Wire size				Wire size			
		IEC NFC DIN	UL	IEC NFC DIN	UL	CSA	CSA
Rigid		0,2-1 mm ²		Rigid	0,2-1 mm ²		
Flexible		0,22-1 mm ²		Flexible	0,22-1 mm ²		
Voltage				Voltage			
Rated	250 V			Rated	250 V		
Impulse withstand	8 KV			Impulse withstand	8 KV		
Pollution degree	3			Pollution degree	3		
Current				Current			
Rated	13,5 A			Rated	13,5 A		
Wire size				Wire size			
Rated / Gauge		1 mm ²		Rated / Gauge	1 mm ²		
Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection
			IP20 *				IP20 *
			NEMA 1				NEMA 1
Type				Type			
Part numbers				Part numbers			
FED5.C2.ADO	end section kit *	1SNA 399 677 R1600		FED5.C2.ADO	end section kit *	1SNA 399 677 R1600	
PC52.10	Blue	10 poles	1SNA 399 684 R0600	PC52.10	Blue	10 poles	1SNA 399 684 R0600
PC52.10	Red	10 poles	1SNA 399 683 R0500	PC52.10	Red	10 poles	1SNA 399 683 R0500
PC52.10	Green/Yellow	10 poles	1SNA 399 685 R0700	PC52.10	Green/Yellow	10 poles	1SNA 399 685 R0700
PC52.66	Red	66 poles	1SNA 399 707 R1500	PC52.66	Red	66 poles	1SNA 399 707 R1500
PC52.66	Blue	66 poles	1SNA 399 708 R2600	PC52.66	Blue	66 poles	1SNA 399 708 R2600
PC52.66	Green/Yellow	66 poles	1SNA 399 709 R2700	PC52.66	Green/Yellow	66 poles	1SNA 399 709 R2700
OUMAD			1SNA 179 466 R0600	OUMAD			1SNA 179 466 R0600
OUPAD			1SNA 178 944 R0400	OUPAD			1SNA 178 944 R0400
CEADO.5			1SNA 399 345 R1100	CEADO.5			1SNA 399 345 R1100
CEAOE			1SNA 399 341 R1500	CEAOE			1SNA 399 341 R1500
Example for 8 connection wiring				PLC SIGNAL			
RC55 RC510 (for marker-holder)				(1) 10 or 66 poles and easily divisible			

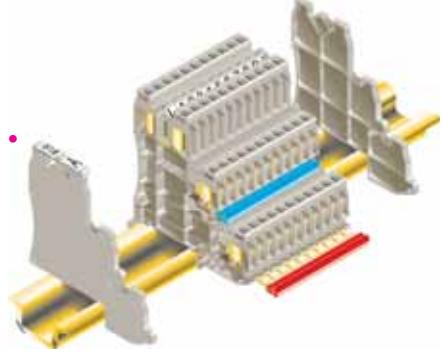
Terminal blocks

Insulation displacement

for sensors/actuators



DIN 3



- To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

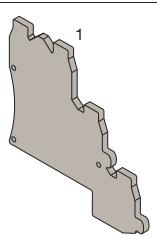
Other end stops, rails and accessories : see section on accessories.

Notes

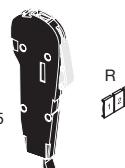
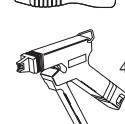
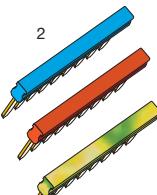
For multiple wires connections, on the upper deck only, the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material UL 94 V0.

- * End section kit includes :
 - 1 right end section
 - 1 left end section
 - 1 marker-holder

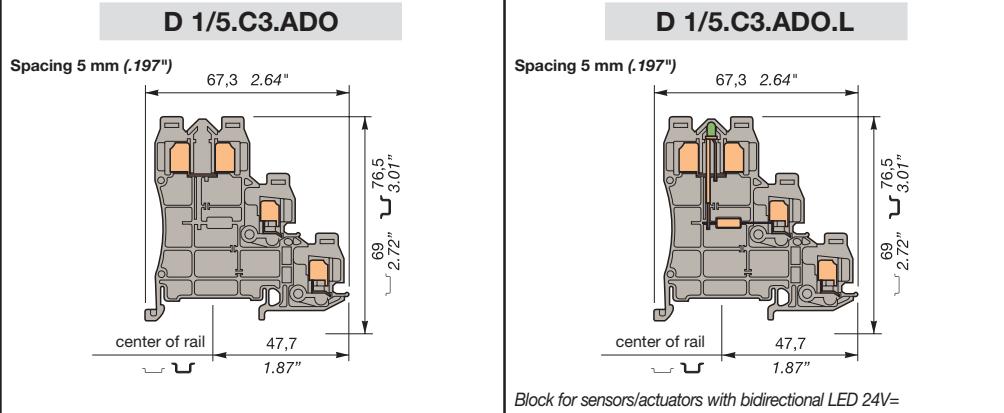
Accessories



- 1 End section grey
 2 Comb type jumper bar
 3 Hand tool kit
 4 Semi-automatic tool
 5 Test connector



- R See section on markers marking method



Block for sensors/actuators with bidirectional LED 24V=

Color	Type	Part numbers	
Grey		D1/5.C3.ADO	1SNA 399 689 R1300
Grey - Green Led		D1/5.C3.ADO.L	1SNA 399 690 R0100
Grey - Red Led		D1/5.C3.ADO.L	1SNA 399 691 R0500

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Rigid	0,2-1 mm ²		
Flexible	0,22-1 mm ²		

Voltage

Rated	250 V		
Impulse withstand	8 KV		
Pollution degree	3		

Current

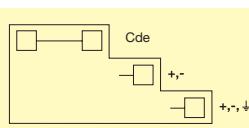
Rated	13,5 A		

Wire size

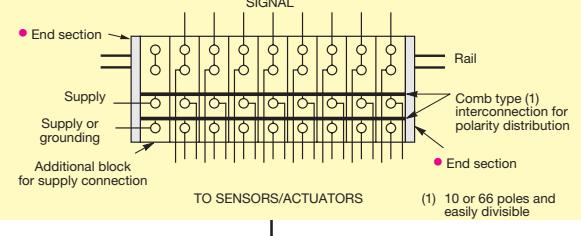
Rated / Gauge	1 mm ²		
Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection
			IP20 *

		IP20 *	
		NEMA 1	NEMA 1

Type	Part numbers	Type	Part numbers
FED5.C3.ADO end section kit *	1SNA 399 678 R2700	FED5.C3.ADO end section kit *	1SNA 399 678 R2700
PC52.10 Blue 10 poles	1SNA 399 684 R0600	PC52.10 Blue 10 poles	1SNA 399 684 R0600
PC52.10 Red 10 poles	1SNA 399 683 R0500	PC52.10 Red 10 poles	1SNA 399 683 R0500
PC52.10 Green/Yellow 10 poles	1SNA 399 685 R0700	PC52.10 Green/Yellow 10 poles	1SNA 399 685 R0700
PC52.66 Red 66 poles	1SNA 399 707 R1500	PC52.66 Red 66 poles	1SNA 399 707 R1500
PC52.66 Blue 66 poles	1SNA 399 708 R2600	PC52.66 Blue 66 poles	1SNA 399 708 R2600
PC52.66 Green/Yellow 66 poles	1SNA 399 709 R2700	PC52.66 Green/Yellow 66 poles	1SNA 399 709 R2700
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
CEADO.5	1SNA 399 345 R1100	CEADO.5	1SNA 399 345 R1100
CEAOE	1SNA 399 341 R1500	CEAOE	1SNA 399 341 R1500



Example for 8 connection wiring



RC55

RC510 (for marker-holder)

 C
 2

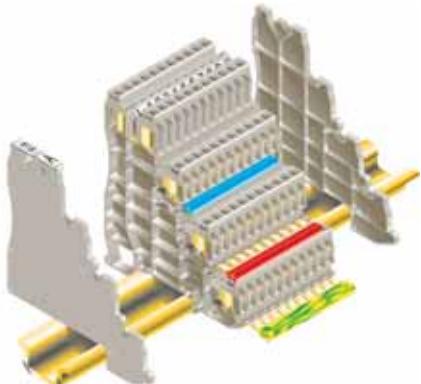
Terminal blocks

Insulation displacement

for sensors/actuators



DIN 3



- To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

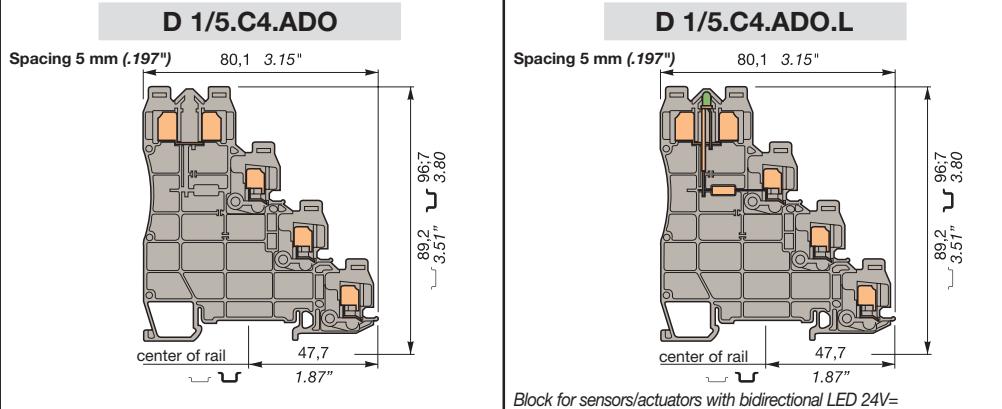
For multiple wires connections, on the upper deck only, the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material UL 94 V0.

- * End section kit includes :
 - 1 right end section
 - 1 left end section
 - 1 marker-holder

Accessories

1	End section	grey
2	Comb type jumper bar	
3	Hand tool kit	
4	Semi-automatic tool	
5	Test connector	

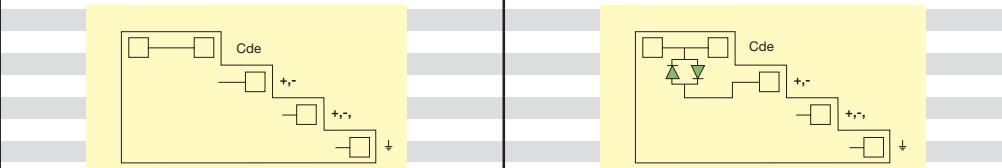
R See section on markers marking method



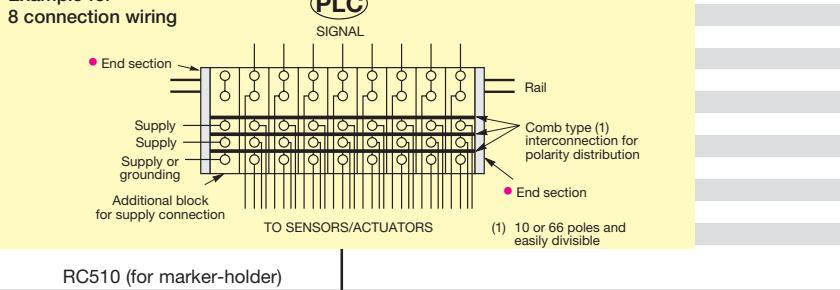
Color	Type	Part numbers
Grey	D 1/5.C4.ADO	1SNA 399 692 R0600
Grey - Green Led	D 1/5.C4.ADO.L	1SNA 399 693 R0700
Grey - Red Led	D 1/5.C4.ADO.L	1SNA 399 694 R0000

Characteristics				Characteristics			
Wire size				Wire size			
IEC NFC DIN		UL	CSA	IEC NFC DIN		UL	CSA
Rigid	0,2-1 mm ²			Rigid	0,2-1 mm ²		
Flexible	0,22-1 mm ²			Flexible	0,22-1 mm ²		
Voltage				Voltage			
Rated	250 V			Rated	250 V		
Impulse withstand	8 KV			Impulse withstand	8 KV		
Pollution degree	3			Pollution degree	3		
Current				Current			
Rated	13,5 A			Rated	13,5 A		
Wire size				Wire size			
Rated / Gauge		1 mm ²		Rated / Gauge		1 mm ²	
Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection	Wire strip. length	Recomm. Screwdriver	Recomm. torque	Protection
			IP20 *				IP20 *
			NEMA 1				NEMA 1

Type	Part numbers	Type	Part numbers
FED5.C4.ADO end section kit *	1SNA 399 679 R2000	FED5.C4.ADO end section kit *	1SNA 399 679 R2000
PC52.10 Blue 10 poles	1SNA 399 684 R0600	PC52.10 Blue 10 poles	1SNA 399 684 R0600
PC52.10 Red 10 poles	1SNA 399 683 R0500	PC52.10 Red 10 poles	1SNA 399 683 R0500
PC52.10 Green/Yellow 10 poles	1SNA 399 685 R0700	PC52.10 Green/Yellow 10 poles	1SNA 399 685 R0700
PC52.66 Red 66 poles	1SNA 399 707 R1500	PC52.66 Red 66 poles	1SNA 399 707 R1500
PC52.66 Blue 66 poles	1SNA 399 708 R2600	PC52.66 Blue 66 poles	1SNA 399 708 R2600
PC52.66 Green/Yellow 66 poles	1SNA 399 709 R2700	PC52.66 Green/Yellow 66 poles	1SNA 399 709 R2700
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
CEADO.5	1SNA 399 345 R1100	CEADO.5	1SNA 399 345 R1100
CEAOE	1SNA 399 341 R1500	CEAOE	1SNA 399 341 R1500



Example for 8 connection wiring



RC55 RC510 (for marker-holder)

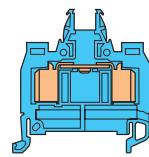
ADO/ADO terminal blocks for neutral circuits

ADO/ADO terminal blocks with blue body can be used for neutral connection.

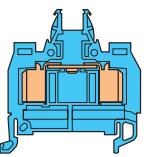
Blue colour permits a good identification.

D 1/5.N.ADO

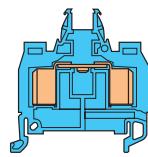
Spacing 5 mm + 0,05 (.198")


D 1,5/6.N.ADO

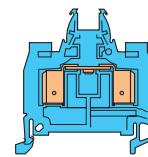
Spacing 6 mm + 0,05 (.238")


D 2,5/8.N.ADO

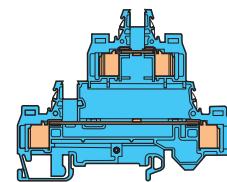
Spacing 8 mm + 0,05 (.315")


D 4/8.N.ADO

Spacing 8 mm + 0,05 (.315")


D 1/5.D2.N.ADO

Spacing 5 mm + 0,05 (.200")



Rated wire size

D 1/5.N.ADO

1 mm²

1SNA 199 565 R2600

Weight

5 g .18 oz

Rated wire size

D 1,5/6.N.ADO

Weight

6 g .21 oz

Rated wire size

D 2,5/8.N.ADO

Weight

9 g .32 oz

Rated wire size

D 4/8.N.ADO

Weight

9 g .32 oz

Rated wire size

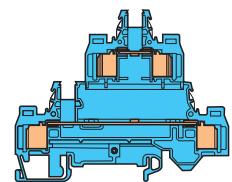
D 1/5.D2.N.ADO

Weight

15 g .53 oz

D 1,5/6.D2.N.ADO

Spacing 6 mm + 0,05 (.238")



Rated wire size

D 1,5/6.D2.N.ADO

1,5 mm²

1SNA 199 482 R1400

Weight

18 g .64 oz

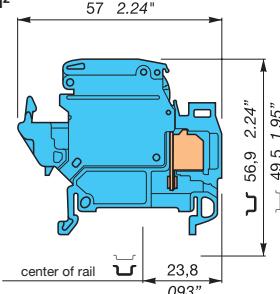
C
2

Characteristics and accessories of these blocks are described in standard ADO/ADO block pages.

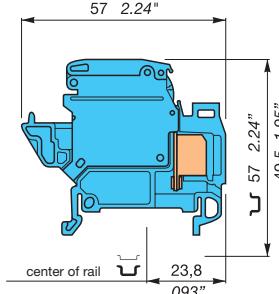
Terminal blocks
Insulation
displacement
For neutral conductor



Spacing 6 mm +0,05 .2038"
 ADO wire size
 0,34 - 1,5 mm²
 22 - 16 AWG



Spacing 8 mm +0,05 .315"
 ADO wire size
 1 - 2,5 mm²
 16 - 14 AWG



Colour	Type	Part numbers
Blue	D 1,5/6 NT.ADO	1SNA 399 792 R0200

Colour	Type	Part numbers
Blue	D 2,5/8 NT.ADO	1SNA 399 793 R0300

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
	Flexible		
ADO	Rigid	0,34-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
	Flexible		
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	400 V	
Impulse withstand	6 kV	
Pollution degree	3	

Voltage

Rated	400 V	
Impulse withstand	6 kV	
Pollution degree	3	

Current

Rated	17,5 A	
-------	--------	--

Current

Rated	24 A	
-------	------	--

Wire size

Rated	1,5 mm ²	16 AWG
Wire stripping length (screw)		
Recommended screwdriver		
Recommended torque		
protection	IP 20	
	NEMA 1	

Wire size

Rated	2,5 mm ²	14 AWG
Wire stripping length (screw)		
Recommended screwdriver		
Recommended torque		
protection	IP 20	
	NEMA 1	

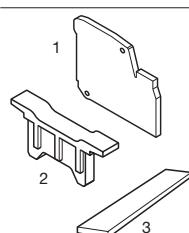
Notes

For two wire connection max., the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

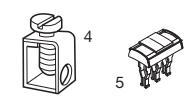
* Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)

+ 2 notches to identify 8 mm spacing.

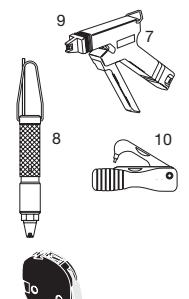
Accessories



- 1 End section blue
- 2 Cursor lock
- 3 Busbar
- 4 Screw clamp for busbar
- 5 Screwless jumper bar to be inserted into ADO jaw orange IP20



- 6 Hand tool kit
- 7 Semi-automatic tool
- 8 Pneumatic tool kit
- 9 Replacement head kit
- 10 Extraction tool kit
- 11 Test connector



- R See section on markers marking method

Type

Type	Part numbers
FEDADNT	V0 th. 2,0 mm 1SNA 399 795 R0500
VRPA1	10 x 3 mm 1SNA 399 587 R2500
BO3	1SNA 164 406 R2400
SFB1	0,5 to 35 mm ² H=7 1SNA 163 860 R0500
SFB2	16 to 35 mm ² H=3 1SNA 168 956 R0600
BJADO 6.2	17,5 A 2 poles 1SNA 205 974 R0600
BJADO 6.3	17,5 A 3 poles 1SNA 205 975 R0700
BJADO 6.4	17,5 A 4 poles 1SNA 205 976 R0000
BJADO 6.5	17,5 A 5 poles 1SNA 205 977 R0100
BJADO 6.10	17,5 A 10 poles 1SNA 205 982 R2700
BJADO 6.20	17,5 A 20 poles 1SNA 205 992 R2100
OUMAD	1SNA 179 468 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO.6	1SNA 399 346 R1200
CEAOE	1SNA 399 341 R1500

Type

Type	Part numbers
FEDADNT	V0 th. 2,0 mm 1SNA 399 795 R0500
VRPA1	10 x 3 mm 1SNA 399 587 R2500
BO3	1SNA 164 406 R2400
SFB1	0,5 to 35 mm ² H=7 1SNA 163 860 R0500
SFB2	16 to 35 mm ² H=3 1SNA 168 956 R0600
BJADO 6.2	17,5 A 2 poles 1SNA 205 974 R0600
BJADO 6.3	17,5 A 3 poles 1SNA 205 975 R0700
BJADO 6.4	17,5 A 4 poles 1SNA 205 976 R0000
BJADO 6.5	17,5 A 5 poles 1SNA 205 977 R0100
BJADO 6.10	17,5 A 10 poles 1SNA 205 982 R2700
BJADO 6.20	17,5 A 20 poles 1SNA 205 992 R2100
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000
CEADO.6	1SNA 399 346 R1200
CEAOE	1SNA 399 341 R1500

RC 65 RC 610

RCAL 85 RC 810

Terminal blocks
Insulation displacement
Ground terminal blocks not electrically connected to the mounting rail

ADO - ADO

DIN 3



Characteristics and accessories, see Screw clamp terminal blocks.

* Black marking for wire size 1 - 2.5 mm² (16-14 AWG)

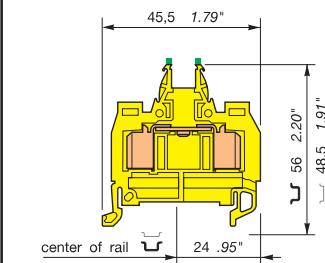
D 1/5.PI.ADO

Spacing 5 mm +0.05 .198"

ADO wire size

0.22 -1 mm²

24 - 18 AWG

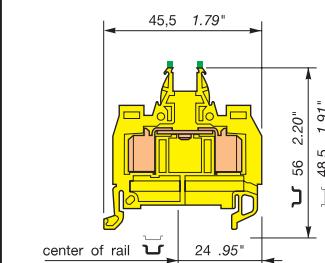
**D 1,5/6.PI.ADO**

Spacing 6 mm +0.05 .238"

ADO wire size

0.34 -1.5 mm²

22 - 16 AWG

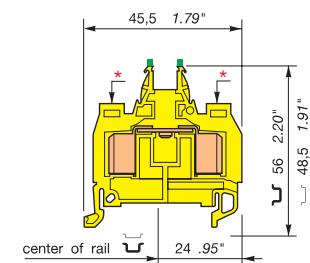
**D 2,5/8.PI.ADO**

Spacing 8 mm +0.05 .315"

ADO wire size

1 - 2.5 mm²

16 - 14 AWG

**Type****P/N**

Yellow body / Green marking

■ D 1/5.PI.ADO 1SNA 399 184 R2100

Type**P/N**

Yellow body / Green marking

■ D 1,5/6.PI.ADO 1SNA 199 054 R2100

Type**P/N**

Yellow body / Green marking

■ D 2,5/8.PI.ADO 1SNA 199 062 R2100

Characteristics**IEC****NFC DIN****UL/CSA****UL****CSA****IEC****NFC DIN****UL****CSA****Wire size**

Rigid

0,2-1 mm²

24-18 AWG

22-16 AWG

1-2,5 mm²

16-14 AWG

Rated current

Flexible

0,22-1 mm²

24-18 AWG

22-16 AWG

1-2,5 mm²

16-14 AWG

Rated wire size

120 A / 1 s.

1 mm²

18 AWG

180 A / 1 s.

300 A / 1 s.

18 AWG

Other characteristics1,5 mm²

16 AWG

16 AWG

2,5 mm²

14 AWG

Approvals**Accessories****Type****P/N****Type****P/N****Type****P/N****1 End section**

yellow

FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700

FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700

FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700

R See section on marking Marking method

RC55

RC510

RTM7

RTM7

RC810

Terminal blocks
Insulation displacement
Ground terminal blocks not electrically connected to the mounting rail

ADO - ADO

DIN 3



Characteristics and accessories, see Screw clamp terminal blocks.

* White marking for wire size 4 mm² (12 AWG)

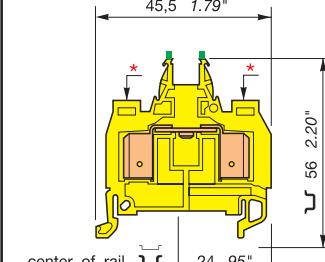
D 4/8.PI.ADO

Spacing 8 mm +0.05 .315"

ADO wire size

4 mm² / 12 AWG

1 wire only

**Type****P/N****Type****P/N****Type****P/N**

Yellow body / Green marking

■ D 4/8.PI.ADO 1SNA 399 272 R1000

Characteristics**IEC****NFC DIN****UL/CSA****UL****CSA****IEC****NFC DIN****UL****CSA****Wire size**

Rigid

4 mm²

12 AWG

Rated current

Flexible

4 mm²

12 AWG

Rated wire size

480 A / 1 s.

4 mm²

12 AWG

Other characteristics

1 wire only

Approvals**Accessories****Type****P/N****Type****P/N****Type****P/N****1 End section**

yellow

FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700

R See section on marking Marking mode

RTM7

RC810

RCAL85

Terminal blocks Insulation displacement

**Ground terminal blocks
electrically connected to
the mounting rail**

ADO - ADO

DIN 3



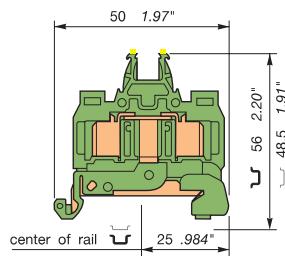
refer to the section "Special Applications"
for part numbers and characteristics.

Characteristics and accessories, see
Screw clamp terminal blocks.

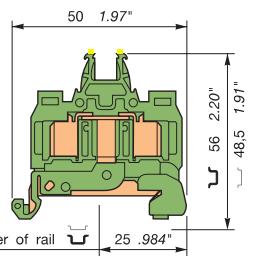
* Black marking for wire size 1 - 2.5 mm² (16-14 AWG)

D 1/5.P.ADO

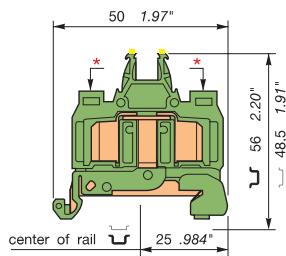
Spacing 5 mm + 0.05 .198"
ADO wire size
0.2 - 1 mm²
24 - 18 AWG

**D 1,5/6.P.ADO**

Spacing 6 mm + 0.05 .238"
ADO wire size
0.34 - 1.5 mm²
22 - 16 AWG

**D 2,5/8.P.ADO**

Spacing 8 mm + 0.05 .315"
ADO wire size
1 - 2.5 mm²
16 - 14 AWG

**Type P/N**

Green body / Yellow marking

D 1/5.P.ADO 1SNA 399 031 R2200

Type P/N

Green body / Yellow marking

D 1,5/6.P.ADO 1SNA 199 098 R2600

Type P/N

Green body/ Yellow marking

D 2,5/8.P.ADO 1SNA 199 091 R1700

Characteristics

Wire size	Rigid	IEC NFC DIN		UL/CSA		IEC NFC DIN		UL		CSA		IEC NFC DIN		UL		CSA	
		0.2-1 mm ²	24-18 AWG	0.34-1.5 mm ²	22-16 AWG	22-16 AWG	1-2.5 mm ²	16-14 AWG	16-14 AWG	1-2.5 mm ²	16-14 AWG	1-2.5 mm ²	16-14 AWG	16-14 AWG	1-2.5 mm ²	16-14 AWG	16-14 AWG
Rated current		120 A / 1 s.		180 A / 1 s.		180 A / 1 s.									300 A / 1 s.		
Rated wire size		1 mm ²		1.5 mm ²		1.5 mm ²		16 AWG		16 AWG		2.5 mm ²		14 AWG		14 AWG	

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
			7 g	IP 20			8 g	IP 20			11 g	IP 20
			.25 oz	NEMA 1			.28 oz	NEMA 1			.39 oz	NEMA 1

Approvals

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Accessories

	Type	P/N	Type	P/N	Type	P/N	
1 End section	yellow	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0500	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0500	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0500
R See section on marking	Marking method	RC55 RC510 RTM7	RC65 RC610 RTM7	RTM7	RC810	RCAL85	

Terminal blocks Insulation displacement

**Ground terminal blocks
electrically connected to
the mounting rail**

ADO - ADO

DIN 3



refer to the section "Special Applications"
for part numbers and characteristics.

Characteristics and accessories, see
Screw clamp terminal blocks.

* White marking for wire size 4 mm² (12 AWG)

Characteristics

Wire size	Rigid	IEC NFC DIN		UL/CSA		IEC NFC DIN		UL		CSA		IEC NFC DIN		UL		CSA	
		4 mm ²	12 AWG														
Rated current		480 A / 1 s.															
Rated wire size		4 mm ²		12 AWG													

Others characterisitcs

	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
			11g	IP 20								
			.39 oz	NEMA 1								

Approvals

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Accessories

	Type	P/N	Type	P/N	Type	P/N	
1 End section	yellow	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0700	FEMAD3 V0 th. 3 mm 1SNA 199 343 R0500				
R See section on marking	Marking mode	RTM7 RC810 RCAL85					

Insulation displacement

Heavy duty switch
terminal blocks with blade

ADO - ADO

└ DIN 3



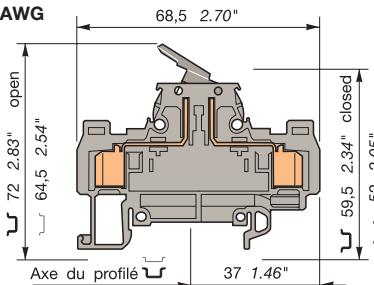
D 1/5.SNT2...ADO

Spacing 5 mm +0,05 .198"

ADO wire size

0,22 - 1 mm²

24 - 18 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
With DIA. 2 mm test on two sides.					
Grey	■ D 1/5.SNT2.ADO	1SNA 399 231 R0700			
Orange	■ D 1/5.SNT2.ADO	1SNA 399 232 R0000			
With DIA. 2.3 mm test on two sides.					
Grey	■ D 1/5.SNT23.ADO	1SNA 399 233 R0100			

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
	Flexible		

ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	320 V	300 V
Impulse withstand	4 kV	
Pollution degree	3	

Current

Rated	10 A	
-------	------	--

Wire size

Rated	1 mm ²	18 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque
		protection

IP 20

NEMA 1

Characteristics

Wire size

Rated		
Wire stripping length (screw)	Recommended screwdriver	Recommended torque
		protection

IP 20

NEMA 1

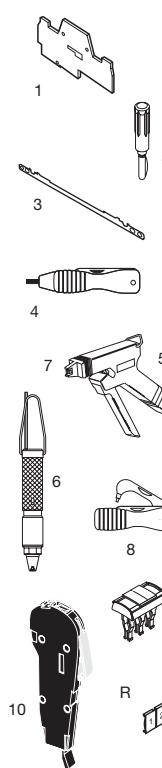
End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

For two wire connection max., the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 VO.

Accessories



Type	Part numbers		
FEDAD5	th. 2 mm	1SNA 199 354 R0200	
FEDAD5	th. 2 mm	1SNA 199 355 R0300	
FEDAD5	th. 2 mm	1SNA 199 590 R2400	
FC2	V2 (1) DIA. 2 mm	1SNA 007 865 R2600	
CDB2	th. 0,8 mm	1SNA 179 635 R0700	
OUMAD		1SNA 179 466 R0600	
OUPAD		1SNA 179 944 R0400	
OUTAD		1SNA 205 710 R1100	
OUTA		1SNA 205 284 R0300	
EXAD2		1SNA 205 721 R0000	
BJADO5.2	13,5 A 2 poles	1SNA 205 955 R0300	
BJADO5.3	13,5 A 3 poles	1SNA 205 956 R0400	
BJADO5.4	13,5 A 4 poles	1SNA 205 957 R0500	
BJADO5.5	13,5 A 5 poles	1SNA 205 958 R1600	
BJADO5.10	13,5 A 10 poles	1SNA 205 963 R0300	
BJADO5.20	13,5 A 20 poles	1SNA 205 973 R0500	
CEADO.5		1SNA 399 345 R1100	
CEAOE		1SNA 399 341 R1500	

RC55 RC510
(1) Only for terminal blocks with test DIA. 2 mm.

Heavy duty switch terminal blocks with blade insulation displacement

ADO - ADO

DIN 3

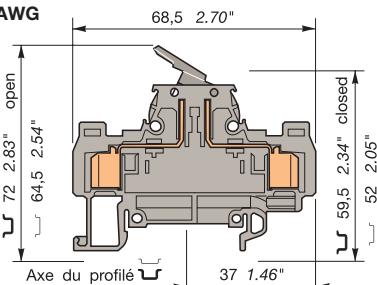
**D 1,5/6.SNT2...ADO**

Spacing 6 mm +0,05 .238"

ADO wire size

0,34 - 1,5 mm²

22 - 16 AWG

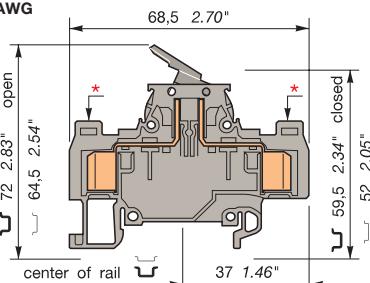
**D 2,5/8.SNT2...ADO**

Spacing 8 mm +0,05 .315"

ADO wire size

1 - 2,5 mm²

16 - 14 AWG



Colour Type Part numbers

Colour Type Part numbers

With DIA. 2 mm test on two sides.

Grey ■ **D 1,5/6.SNT2.ADO** 1SNA 199 144 R2000Bleu ■ **D 1,5/6.SNT2.ADO** 1SNA 199 591 R1100Orange ■ **D 1,5/6.SNT2.ADO** 1SNA 199 145 R2100

With DIA. 2.3 mm test on two sides.

Grey ■ **D 1,5/6.SNT23.ADO** 1SNA 199 146 R2200

With DIA. 2 mm test on two sides.

Grey ■ **D 2,5/8.SNT2.ADO** 1SNA 199 231 R2700Orange ■ **D 2,5/8.SNT2.ADO** 1SNA 199 232 R2000

With DIA. 2.3 mm test on two sides.

Grey ■ **D 2,5/8.SNT23.ADO** 1SNA 199 233 R2100**Characteristics****Characteristics**

Wire size

	IEC NFC	DIN	UL	CSA		IEC NFC	DIN	UL	CSA
Screw	Rigid				Screw	Rigid			
	Flexible					Flexible			
ADO	Rigid	0,34-1,5 mm ²	22-16 AWG	22-16 AWG	ADO	Rigid	1-2,5 mm ²	16-14 AWG	16-14 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG	22-16 AWG		Flexible	1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Voltage

Rated 500 V 600 V 600 V

Rated 500 V 600 V 600 V

Impulse withstand 6 kV

Impulse withstand 6 kV

Pollution degree 3

Pollution degree 3

Current

Current

Rated 10 A 8 A 10 A

Rated 15 A 15 A 15 A

Wire size

Section

Rated 1,5 mm² 16 AWG 16 AWGRated 2,5 mm² 16 AWG 16 AWG

Wire stripping length (screw)

Wire stripping length (screw)

Recommended screwdriver

Recommended screwdriver

Recommended torque (screw)

Recommended torque (screw)

Protection

Protection

IP 20

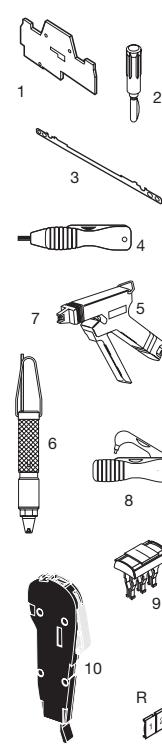
IP 20

NEMA 1

NEMA 1

Notes

Standard blocks 6 or 8 mm spacing. For two wires connections, the wires need to be of the **same gage and nature** (solid or stranded). Terminal block body material is UL 94 V0.

* Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)**Accessories**

- 1 End section grey orange blue
- 2 Test plug
- 3 Shielding connector
- 4 Hand tool kit
- 5 Semi automatic tool
- 6 Pneumatic tool kit
- 7 Replacement head kit
- 8 Extraction head kit
- 9 Screwless jumper bar to be inserted into ADO jaw orange IP20
- 10 Test connector

R See section on markers
Marking method

Type

Type

Part numbers

Part numbers

FEDAD5 th. 2 mm 1SNA 199 354 R0200

FEDAD5 th. 2 mm 1SNA 199 355 R0300

FEDAD5 th. 2 mm 1SNA 199 590 R2400

FEDAD5 th. 2 mm 1SNA 199 590 R2400

FC2 (1) DIA. 2 mm 1SNA 007 865 R2600

FC2 (1) DIA. 2 mm 1SNA 007 865 R2600

CDB2 th. 0,8 mm 1SNA 179 635 R0700

OUMAD 1SNA 179 466 R0600

OUPAD 1SNA 178 944 R0400

OUTAD 1SNA 205 710 R1100

OUTA 1SNA 205 284 R0300

OUTA 1SNA 205 284 R0300

EXAD2 1SNA 205 721 R0000

EXAD2 1SNA 205 721 R0000

BJADO6.2 17,5 A 2 poles 1SNA 205 974 R0600

BJADO6.2 17,5 A 2 poles 1SNA 205 974 R0600

BJADO6.3 17,5 A 3 poles 1SNA 205 975 R0700

BJADO6.3 17,5 A 3 poles 1SNA 205 975 R0700

BJADO6.4 17,5 A 4 poles 1SNA 205 976 R0000

BJADO6.4 17,5 A 4 poles 1SNA 205 976 R0000

BJADO6.5 17,5 A 5 poles 1SNA 205 977 R0100

BJADO6.5 17,5 A 5 poles 1SNA 205 977 R0100

BJADO6.10 17,5 A 10 poles 1SNA 205 982 R2700

BJADO6.10 17,5 A 10 poles 1SNA 205 982 R2700

BJADO6.20 17,5 A 20 poles 1SNA 205 992 R2100

BJADO6.20 17,5 A 20 poles 1SNA 205 992 R2100

CEADO.6 1SNA 399 346 R1200

CEADO.6 1SNA 399 346 R1200

CEAOE 1SNA 399 341 R1500

CEAOE 1SNA 399 341 R1500

RC610

RCAL85 RC810

(1) Only for terminal blocks with test DIA. 2 mm.

**Heavy duty switch
terminal blocks**
with blade
insulation displacement
ADO - ADO
DIN 3



End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200
Other end stops, rails and accessories : see section on accessories.				

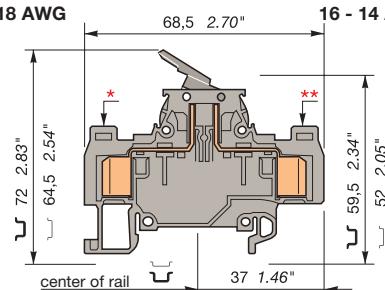
Notes

Standard blocks 8 mm spacing. For two wires connections, the wires need to be of the **same gage and nature** (solid or stranded). Terminal block body material is UL 94 V0.

D 2,5/8.SNT2.ADO0.ADO2

Spacing 8 mm +0,05 .315"
ADO wire size
0,22 - 1 mm²
14 - 18 AWG

ADO wire size
1 - 2,5 mm²
16 - 14 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
With DIA. 2 mm test on two sides.					
Grey	D 2,5/8.SNT2.ADO0.ADO2	1SNA 399 754 R1300			

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid 1-2,5 mm ² Flexible 1-2,5 mm ²	16-14 AWG 16-14 AWG	16-14 AWG 16-14 AWG

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid Flexible		

Voltage

Rated	500 V	600 V	600 V
Impulse withstand	6 kV		
Pollution degree	3		

Voltage

Rated			
Impulse withstand			
Pollution degree			

Current

Rated	10 A	10 A	10 A
Wire size	1 mm ²	14 AWG	14 AWG

Current

Rated	NoRatedminale		
Wire size	1 mm ²	14 AWG	14 AWG
Protection			

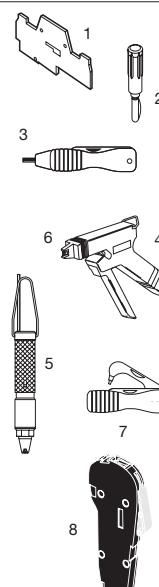
Wire size

Rated	1 mm ²	14 AWG	14 AWG
Wire stripping length (screw)			
Recommended screwdriver			
Recommended torque (screw)			
Protection			

Section

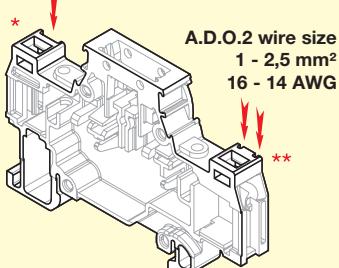
Rated			
Wire stripping length (screw)			
Recommended screwdriver			
Recommended torque (screw)			
Protection			

Accessories



Type	Part numbers	Type	Part numbers
1 End section	grey	FEDAD5	th. 2 mm 1SNA 199 354 R0200
	orange	FEDAD5	th. 2 mm 1SNA 199 355 R0300
	blue	FEDAD5	th. 2 mm 1SNA 199 590 R2400
2 Test plug		FC2 V2 (1)	DIA. 2 mm 1SNA 007 865 R2600
3 Hand tool kit		OUMAD	1SNA 179 466 R0600
4 Semi automatic tool		OUPAD	1SNA 178 944 R0400
5 Pneumatic tool kit		OUTAD	1SNA 205 710 R1100
6 Replacement head kit		OUTA	1SNA 205 284 R0300
7 Extraction head kit		EXAD2	1SNA 205 721 R0000
8 Test connector		CEADO.8	1SNA 399 348 R2400
		CEAOE	1SNA 399 341 R1500

A.D.O.0 wire size
0,22 - 1 mm²
14 - 18 AWG



RCAL85 RC810

(1) Only for terminal blocks with test DIA. 2 mm.

Selection guide for different types of plugs

Types of plugs	Types of fuses	D 1/5.S.ADO	D 1/5.SFAT2.ADO	D 1,5/6.S.ADO	D 2,5/8.S.ADO
Switching function Short-circuit plug					
Plug with solder tags and screws (1) Soldered fuses type FUBS - 0,5 to 5 A - 250 V Flat fuses type FUPLV - 1 to 5 A - 250 V					
Fuse holder plug Automotive miniature fuses (2) type FUAUTO 2 A to 3 A - 32 V maxi					
Fuse holder plug Fuses 5 x 20 type FU520 - 0,5 to 5 A - 250 V Fuses 5 x 25 type FU525 - 1,6 to 6,3 A - 250 V					

Types of fuses

Soldered fuses
FUBS 0,5 A 1SNA 174 893 R1600
FUBS 1 A 1SNA 174 894 R1700
FUBS 2 A 1SNA 174 895 R1000
FUBS 3 A 1SNA 174 896 R1100
FUBS 5 A 1SNA 174 897 R1200

Flat fuses

FUPLV	1 A	1SNA 008 096 R2000
FUPLV	2 A	1SNA 008 097 R2100
FUPLV	5 A	1SNA 008 098 R0200

Fuses 5 x 20 mm

FU520	0,5 A	1SNA 008 288 R1500
FU520	1 A	1SNA 008 290 R1300
FU520	2 A	1SNA 008 291 R0000
FU520	3,15 A	1SNA 008 289 R1600
FU520	5 A	1SNA 008 292 R0100



Automotive miniature fuses

FUAUTO	2 A	1SNA 179 879 R1400
FUAUTO	3 A	1SNA 179 880 R0200

Fuses 5 x 25 mm

FU525	1,6 A	1SNA 167 546 R2200
FU525	2 A	1SNA 167 547 R2300
FU525	2,5 A	1SNA 167 548 R0400
FU525	4 A	1SNA 167 549 R0500
FU525	6,3 A	1SNA 167 550 R0200

Note : (1) Compatible with electronic components max.diameter or thickness for components :
- plug BNSV62 : 4 mm/.157" max.
- plug BNSV82 : 6 mm /.236" max.

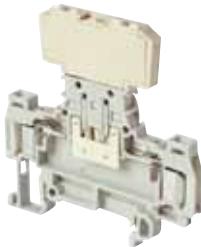
(2) For all fuses, the dissipated load should remain under 0,8 W. (3) with led 24 V AC/DC. (4) with led 48 V AC/DC. (5) avec neon lamp 110-230 V AC/DC.

Insulation displacement

**Heavy duty switch
terminal blocks with plug**

ADO - ADO

□ DIN 3



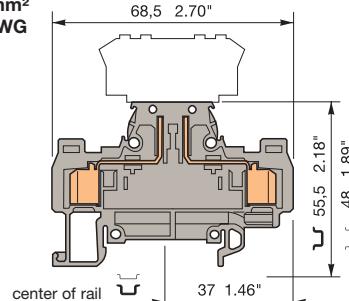
D 1/5.S.ADO

Spacing 5 mm +0,05 .198"

ADO wire size

0,22 - 1 mm²

24 - 18 AWG



Colour	Type	Part number	Colour	Type	Part number
Grey	D 1/5.S.ADO	1SNA 399 235 R0300			

Characteristics

Wire size

Screw	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
ADO	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	500 V (3)	
Impulse withstand	4 kV	
Pollution degree	3	

Current

Rated	10 A	
-------	------	--

Wire size

Rated	1 mm ²		
Wire strip. length	Recomm. screwdriver	Weight	Protection
		9 g	IP 20
		.32 oz	NEMA 1

Characteristics

Wire size

Screw	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
ADO	Flexible	Rigid	24-18 AWG

Voltage

Rated	500 V (3)	
Impulse withstand	4 kV	
Pollution degree	3	

Current

Rated	
-------	--

Wire size

Rated			
Wire strip. length	Recomm. screwdriver	Weight	Protection
		9 g	IP 20
		.32 oz	NEMA 1

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

For two wire connection max., the wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 VO.

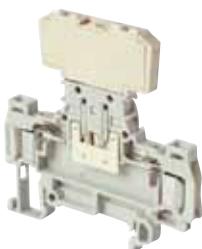
Accessories

Type	Part numbers	Type	Part numbers
1 End section grey orange	FEDAD5 th. 2 mm 1SNA 199 354 R0200 FEDAD5 th. 2 mm 1SNA 199 355 R0300 BNS.D5 th. 5 mm 1SNA 295 381 R2600 EXBN2 1SNA 171 018 R2000		
2 Fuse-holder plug	FUBS 0,5 A 1SNA 174 893 R1600 FUBS 1 A 1SNA 174 894 R1700 FUBS 2 A 1SNA 174 895 R1000 FUBS 3 A 1SNA 174 896 R1100 FUBS 5 A 1SNA 174 897 R1200		
3 Plug extractor	CBD2 th. 0,8 mm 1SNA 179 635 R0700 OUMAD 1SNA 179 466 R0600		
4 Soldered fuses	OUPAD 1SNA 178 944 R0400 OUTAD 1SNA 205 710 R1100 OUTA 1SNA 205 284 R0300 EXAD2 1SNA 205 721 R0000		
5 Shielding connector	BJADO5.2 13,5 A 2 poles 1SNA 205 955 R0300 BJADO5.3 13,5 A 3 poles 1SNA 205 956 R0400		
6 Hand tool kit	BJADO5.4 13,5 A 4 poles 1SNA 205 957 R0500 BJADO5.5 13,5 A 5 poles 1SNA 205 958 R1600		
7 Semi-automatic tool	BJADO5.10 13,5 A 10 poles 1SNA 205 963 R0300		
8 Pneumatic tool kit	BJADO5.20 13,5 A 20 poles 1SNA 205 973 R0500		
9 Replacement head kit			
10 Extraction tool kit			
11 Screwless jumper bar to be inserted into ADO jaw orange IP20	CEADO.5 1SNA 399 345 R1100 CEADOE 1SNA 399 341 R1500		
12 Test connector			
R	See section on markers marking method	RC55 RC510	(3) Terminal block insulating voltage. Working voltage according to fuse.

Heavy duty switch terminal blocks with blade insulation displacement

ADO - ADO

DIN 3



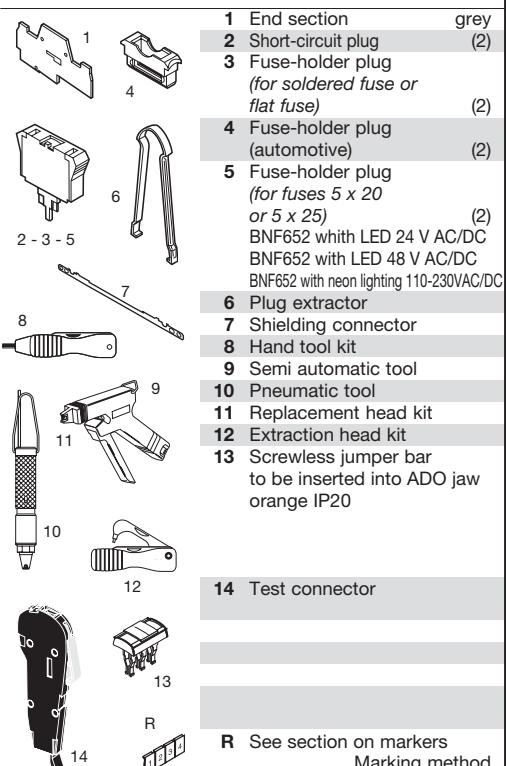
End stop		th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop		th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop		th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail		35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

Standard block 6 and 8 mm. For two wire connections, the wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

* Black marking for wire size 1-2,5 mm² (16-14 AWG)

Accessories

D 1,5/6.S.ADO				D 2,5/8.S.ADO																																											
Spacing 6 mm +0,05 .238" 68,5 2.70" BFAUTO 55,5 2,18" 48 1,89" center of rail 37 1,46"				Spacing 8 mm +0,05 .315" 68,5 2.70" BFAUTO 55,5 2,18" 48 1,89" center of rail 37 1,46"																																											
Switch connection block 6 mm by polarized plug, delivered separately.																																															
Colour	Type	Part number	Colour	Type	Part number																																										
Grey	<input type="checkbox"/>	D 1,5/6.S.ADO	Grey	<input type="checkbox"/>	D 2,5/8.S.ADO	1SNA 199 142 R2600	1SNA 199 164 R2400																																								
			Orange	<input checked="" type="checkbox"/>	D 2,5/8.S.ADO	1SNA 199 163 R2300																																									
Characteristics				Characteristics																																											
Wire size <table border="1"> <thead> <tr> <th></th><th>IEC NFC DIN</th><th>UL</th><th>CSA</th></tr> </thead> <tbody> <tr> <td>Screw</td><td>Rigid</td><td></td><td></td></tr> <tr> <td></td><td>Flexible</td><td></td><td></td></tr> <tr> <td>ADO</td><td>Rigid 0,34-1,5 mm²</td><td>22-16 AWG</td><td>22-16 AWG</td></tr> <tr> <td></td><td>Flexible 0,34-1,5 mm²</td><td>22-16 AWG</td><td>22-16 AWG</td></tr> </tbody> </table>					IEC NFC DIN	UL	CSA	Screw	Rigid				Flexible			ADO	Rigid 0,34-1,5 mm ²	22-16 AWG	22-16 AWG		Flexible 0,34-1,5 mm ²	22-16 AWG	22-16 AWG	Wire size <table border="1"> <thead> <tr> <th></th><th>IEC NFC DIN</th><th>UL</th><th>CSA</th></tr> </thead> <tbody> <tr> <td>Screw</td><td>Rigid</td><td></td><td></td></tr> <tr> <td></td><td>Flexible</td><td></td><td></td></tr> <tr> <td>ADO</td><td>Rigid 1-2,5 mm²</td><td>16-14 AWG</td><td>16-14 AWG</td></tr> <tr> <td></td><td>Flexible 1-2,5 mm²</td><td>16-14 AWG</td><td>16-14 AWG</td></tr> </tbody> </table>					IEC NFC DIN	UL	CSA	Screw	Rigid				Flexible			ADO	Rigid 1-2,5 mm ²	16-14 AWG	16-14 AWG		Flexible 1-2,5 mm ²	16-14 AWG	16-14 AWG
	IEC NFC DIN	UL	CSA																																												
Screw	Rigid																																														
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ADO	Rigid 0,34-1,5 mm ²	22-16 AWG	22-16 AWG																																												
	Flexible 0,34-1,5 mm ²	22-16 AWG	22-16 AWG																																												
	IEC NFC DIN	UL	CSA																																												
Screw	Rigid																																														
	Flexible																																														
ADO	Rigid 1-2,5 mm ²	16-14 AWG	16-14 AWG																																												
	Flexible 1-2,5 mm ²	16-14 AWG	16-14 AWG																																												
Voltage				Voltage																																											
Rated	500 V (3)	600 V	600 V	Rated	500 V (3)	600 V	600 V																																								
Impulse withstand	6 kV			Impulse withstand	6 kV																																										
Pollution degree	3			Pollution degree	3																																										
Current				Current																																											
Rated	10 A	8 A	10 A	Rated	15 A	15 A	15 A																																								
Wire size				Section																																											
Rated	1,5 mm ²	16 AWG	16 AWG	Rated	2,5 mm ²	14 AWG	14 AWG																																								
Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection																																								
		10 g	IP 20			13 g	IP 20																																								
		.35 oz	NEMA 1			.46 oz	NEMA 1																																								
Type				Type																																											
Type Part numbers				Type Part numbers																																											
FEDAD5	th. 2 mm	1SNA 199 354 R0200	FEDAD5	th. 2 mm	1SNA 199 354 R0200																																										
BNC62	th. 6 mm	1SNA 196 853 R1400	BNCT82	th. 8 mm	1SNA 196 926 R0500																																										
BNSV62	th. 6 mm	1SNA 196 854 R1500	BNSV82	th. 8 mm	1SNA 196 927 R0600																																										
BFAUTO V0	black	1SNA 299 486 R2400																																													
BNF652V0 V0	th. 6 mm	1SNA 196 998 R1600	BNF52	th. 8 mm	1SNA 196 924 R0300																																										
BNF652D(1) V0	th. 6 mm	1SNA 196 999 R1700																																													
BNF652D1(1) V0	th. 6 mm	1SNA 196 966 R1500	EXBN2		1SNA 171 018 R2000																																										
BNF652L(1) V0	th. 6 mm	1SNA 196 967 R1600	CBD2	th. 0,8 mm	1SNA 179 635 R0700																																										
			OUMAD		1SNA 179 466 R0600																																										
			OUPAD		1SNA 178 944 R0400																																										
			OUTAD		1SNA 205 710 R1100																																										
			OUTA		1SNA 205 284 R0300																																										
			EXAD2		1SNA 205 721 R0000																																										
BJADO6.2	17,5 A 2 poles	1SNA 205 974 R0600																																													
BJADO6.3	17,5 A 3 poles	1SNA 205 975 R0700																																													
BJADO6.4	17,5 A 4 poles	1SNA 205 976 R0000																																													
BJADO6.5	17,5 A 5 poles	1SNA 205 977 R0100																																													
BJADO6.10	17,5 A 10 poles	1SNA 205 982 R2700																																													
BJADO6.20	17,5 A 20 poles	1SNA 205 992 R2100																																													
CEADO.6		1SNA 399 346 R1200																																													
CEAOE		1SNA 399 341 R1500																																													
RC610 RC65			RCAL85 RC810																																												

(1) Leakage current with LED 24 V or 48 V : <1,6 mA and with neon lamp 110 or 230 VAC/DC : < 0,5 mA.
 (2) See selection guide for dimensions of plugs and type of fuses to use.
 (3) Terminal block insulating voltage, working voltage according to fuse.

Insulation displacement

Heavy duty switch terminal blocks with fuse-holder plug for automotive

Mini Fuse

ADO - ADO

DIN 3



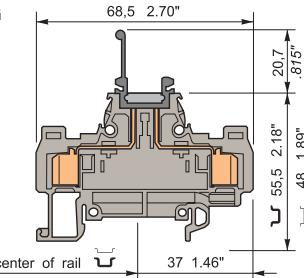
D 1/5.SFAT2...ADO

Spacing 5 mm +0,05 .198"

ADO wire size

0,22 - 1 mm²

24-18 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
With DIA. 2 mm test on two sides.					
Grey	□ D 1/5.SFAT2.ADO	1SNA 399 242 R1200			
Orange	■ D 1/5.SFAT2.ADO	1SNA 399 241 R1100			
With DIA. 2.3 mm test on two sides.					
Grey	□ D 1/5.SFAT23.ADO	1SNA 399 243 R1300			

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
	Flexible		

ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	500 V (2)	150 V (2)
Impulse withstand	6 kV	
Pollution degree	3	

Current

Rated	10 A	7 A
-------	------	-----

Wire size

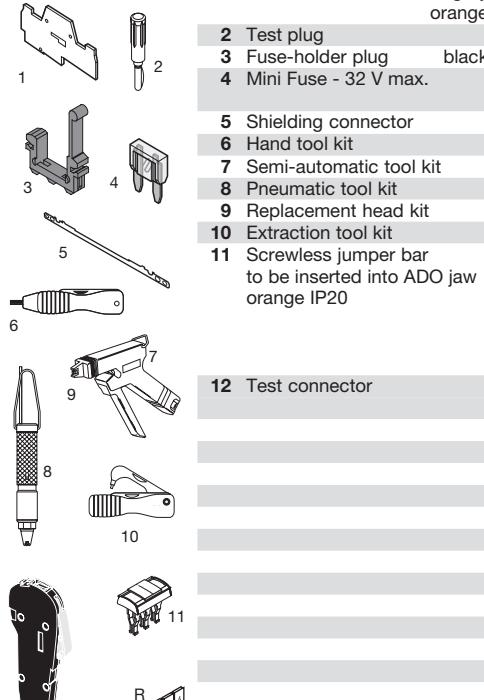
Rated	1 mm ²	Wire size	
Wire strip length	Recomm. screwdriver	Weight	Protection
		10 g	IP 20
		.35 oz	NEMA 1

Accessories

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
End stop	th. 10 mm	BAM2	V2	1SNA 206 351 R1600
End stop	th. 10 mm	BAM2 V0	V0	1SNA 399 967 R0100
Rail	35 x 7,5 x 1	PR3.ZZ		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Type	Part numbers	Type	Part numbers
FEDAD5	th. 2 mm	1SNA 199 354 R0200	
FEDAD5	th. 2 mm	1SNA 199 355 R0300	
FC2 (1)	DIA. 2 mm	1SNA 007 865 R2600	
BF5AUTO		1SNA 299 877 R0300	
FUAUTO	2 A	1SNA 179 879 R1400	
FUAUTO	3 A	1SNA 179 880 R0200	
CDB2	th. 0,8 mm	1SNA 179 635 R0700	
OUMAD		1SNA 179 466 R0600	
OUPAD		1SNA 178 944 R0400	
OUTAD		1SNA 205 710 R1100	
OUTA		1SNA 205 284 R0300	
EXAD2		1SNA 205 721 R0000	
BJAD05.2	17,5 A	2 poles	1SNA 205 955 R0300
BJAD05.3	17,5 A	3 poles	1SNA 205 956 R0400
BJAD05.4	17,5 A	4 poles	1SNA 205 957 R0500
BJAD05.5	17,5 A	5 poles	1SNA 205 958 R1600
BJAD05.10	17,5 A	10 poles	1SNA 205 963 R0300
BJAD05.20	17,5 A	20 poles	1SNA 205 973 R0500
CEADO.5			1SNA 399 345 R1100
CEAOE			1SNA 399 341 R1500



R	See section on markers marking method
(1) Only for terminal blocks with test DIA. 2 mm.	
(2) Terminal block insulating voltage. Working voltage according to fuse (32 V max.).	

Terminal blocks

Insulation Displacement

Fuse blocks for 5 x 20 and 5 x 25 fuses

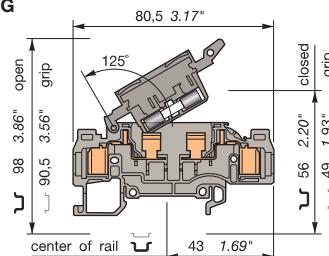
ADO - ADO

DIN 3



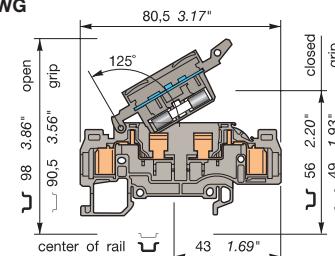
D 1,5/8.SFT.ADO

Spacing 8 mm +0,05 .315"
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



D 1,5/8.SF...T.ADO

Spacing 8 mm +0,05 .315"
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



Colour Type Part numbers

With DIA. 2 or 2.3 mm screw test socket for test

Grey □ **D 1,5/8.SFT.ADO** 1SNA 199 208 R1100
Orange ■ **D 1,5/8.SFT.ADO** 1SNA 199 209 R1200



Colour

With DIA. 2 or 2.3 mm screw test socket for test

Grey (1) □ **D 1,5/8.SFLT.ADO** 1SNA 199 211 R2300
Grey (2) □ **D 1,5/8.SFDT.ADO** 1SNA 199 212 R2400
Grey (3) □ **D 1,5/8.SFD1T.ADO** 1SNA 199 213 R2500

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw			
ADO	Rigid 0,34-1,5 mm ² Flexible 0,34-1,5 mm ²	22-16 AWG 22-16 AWG	22-16 AWG 22-16 AWG

Wire size

	IEC NFC DIN	UL	CSA
Screw			
ADO	Rigid 0,34-1,5 mm ² Flexible 0,34-1,5 mm ²	22-16 AWG 22-16 AWG	22-16 AWG 22-16 AWG

Voltage

Rated 630 V (4) 600 V (4) 600 V (4)

Voltage

Rated 500 V (4) 600 V (4) 600 V (4)

Impulse withstand 8 kV

Impulse withstand 6 kV

Pollution degree 3

Pollution degree 3

Current

Rated 6,3 A 8 A 10 A

Current

Rated 6,3 A 8 A 10 A

Wire size

Rated / Gauge 1,5 mm² 16 AWG 16 AWG

Wire size

Rated / Gauge 1,5 mm² 16 AWG 16 AWG

Wire strip. length Recomm. screwdriver Weight Protection

Wire strip. length Recomm. screwdriver Weight Protection

15 g IP 20

16 g IP 20

.53 oz NEMA 1

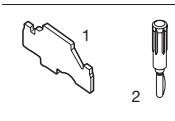
.56 oz NEMA 1

Notes

Standard blocks 8 mm spacing. For two wires connections, the wires need to be of the **same gage and nature** (solid or stranded). Terminal block body material is UL 94 V0.

On all the blocks a DIA. 2 or 2.3 mm test across the grip can be performed.

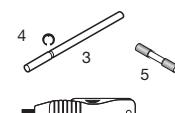
Accessories



1 End section gris

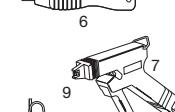
2 Test plug

3 Assembly rod

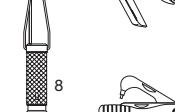


4 Assembly ring

5 5x20 fuses - 250 V



5x25 fuses - 250 V



6 Hand tool kit

7 Semi automatic tool

8 Pneumatic tool kit

9 Replacement head kit

10 Extraction head kit

11 Test connector

Type

P/N

Type

P/N

Type

P/N

Type

P/N

FEDAD7 th. 1,5 mm 1SNA 199 382 R2700

FEDAD7 th. 1,5 mm 1SNA 199 382 R2700

FC2 MC DIA. 2 mm 1SNA 107 239 R0300

FC2 MC DIA. 2 mm 1SNA 107 239 R0300

TGA8 2 poles 1SNA 168 672 R1100

TGA8 2 poles 1SNA 168 672 R1100

TGA8 3 poles 1SNA 168 673 R1200

TGA8 3 poles 1SNA 168 673 R1200

TGA8 4 poles 1SNA 168 674 R1300

TGA8 4 poles 1SNA 168 674 R1300

ANT 1SNA 168 675 R1400

ANT 1SNA 168 675 R1400

FU520 0,5 A 1SNA 008 288 R1500

FU520 0,5 A 1SNA 008 288 R1500

FU520 1 A 1SNA 008 290 R1300

FU520 1 A 1SNA 008 290 R1300

FU520 2 A 1SNA 008 291 R0000

FU520 2 A 1SNA 008 291 R0000

FU520 3,15 A 1SNA 008 289 R1600

FU520 3,15 A 1SNA 008 289 R1600

FU520 5 A 1SNA 008 292 R0100

FU520 5 A 1SNA 008 292 R0100

FU525 1,6 A 1SNA 167 546 R2200

FU525 1,6 A 1SNA 167 546 R2200

FU525 2 A 1SNA 167 547 R2300

FU525 2 A 1SNA 167 547 R2300

FU525 2,5 A 1SNA 167 548 R0400

FU525 2,5 A 1SNA 167 548 R0400

FU525 4 A 1SNA 167 549 R0500

FU525 4 A 1SNA 167 549 R0500

FU525 6,3 A 1SNA 167 550 R0200

FU525 6,3 A 1SNA 167 550 R0200

OUMAD 1SNA 179 466 R0600

OUMAD 1SNA 179 466 R0600

OUPAD 1SNA 178 944 R0400

OUPAD 1SNA 178 944 R0400

OUTAD 1SNA 205 710 R1100

OUTAD 1SNA 205 710 R1100

OUTA 1SNA 205 284 R0300

OUTA 1SNA 205 284 R0300

EXAD2 1SNA 205 721 R0000

EXAD2 1SNA 205 721 R0000

CEADO.8 1SNA 399 348 R2400

CEADO.8 1SNA 399 348 R2400

CEAOE 1SNA 399 341 R1500

CEAOE 1SNA 399 341 R1500

(1) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0,5 mA (110 V) - < 0,7 mA (230 V)).
(2) Blown-fuse indicator by LED 24 V (+24V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).
(3) Blown-fuse indicator by LED 48 V (+48V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).
(4) Terminal block insulating voltage.
Working voltage according to fuse.

RC810 RCAL85

RC810 RCAL85

R See section on markers
Marking method

Terminal blocks Insulation Displacement

Fuse blocks for 5x20 and 5x25 fuses

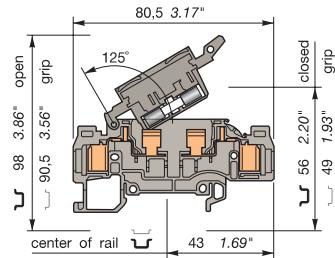
ADO - ADO

DIN 3



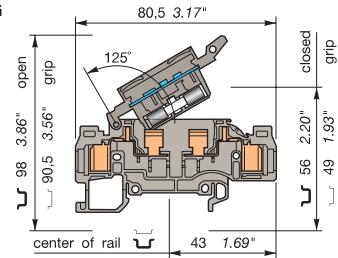
D 2,5/8.SFT.ADO2

Spacing 8 mm +0,05 .315"
ADO wire size
1 - 2,5 mm²
16 - 14 AWG



D 2,5/8.SF...T.ADO2

Spacing 8 mm +0,05 .315"
ADO wire size
1 - 2,5 mm²
16 - 14 AWG



Colour Type Part numbers

For test sockets DIA. 2 or DIA. 2,3 mm.

Grey **D 2,5/8.SFT.ADO2** 1SNA 199 184 R1100

Orange **D 2,5/8.SFT.ADO2** 1SNA 199 185 R1200



Colour Type Part numbers

For test sockets DIA. 2 or DIA. 2,3 mm.

Grey (1) **D 2,5/8.SFLT.ADO2** 1SNA 199 187 R1400

Grey (2) **D 2,5/8.SFDT.ADO2** 1SNA 199 188 R2500

Grey (3) **D 2,5/8.SFD1T.ADO2** 1SNA 199 189 R2600

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		

ADO	Rigid	1-2,5 mm ²	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Rated	630 V (4)	600 V (4)	600 V (4)
Impulse withstand	8 kV		
Pollution degree	3		

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		

ADO	Rigid	1-2,5 mm ²	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Rated	500 V (4)	600 V (4)	600 V (4)
Impulse withstand	6 kV		
Pollution degree	3		

Current

Rated	6,3 A	10 A	10 A

Current

Rated	6,3 A	10 A	10 A

Wire size

Rated / Gauge	2,5 mm ²	14 AWG	14 AWG
Wire strip. length	Recomm. screwdriver	Weight	Protection
		16 g	IP 20

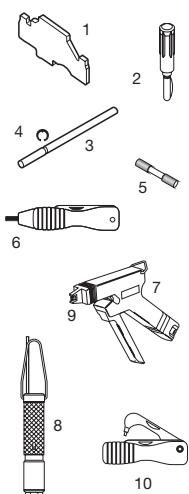
Wire size

Rated / Gauge	2,5 mm ²	14 AWG	14 AWG
Wire strip. length	Recomm. screwdriver	Weight	Protection
		17 g	IP 20

		.56 oz	NEMA 1

		.60 oz	NEMA 1

Accessories



Type	P/N	Type	P/N
1 End section	grey	FEDAD7	th. 1,5 mm
2 Test plug		FC2 MC	DIA. 2 mm
3 Assembly rod		TGA8	2 poles
4 Assembly ring		TGA8	3 poles
5 5x20 fuses - 250 V		TGA8	4 poles
5x25 fuses - 250 V		ANT	1SNA 168 675 R1400
6		FU520	0,5 A
		FU520	1 A
		FU520	2 A
		FU520	3,15 A
		FU520	5 A
		FU525	1,6 A
		FU525	2 A
		FU525	2,5 A
		FU525	4 A
		FU525	6,3 A
7 Semi automatic tool		OUMAD	1SNA 179 466 R0600
8 Pneumatic tool kit		OUPAD	1SNA 178 944 R0400
9 Replacement head kit		OUTAD	1SNA 205 710 R1100
10 Extraction head kit		OUTA	1SNA 205 284 R0300
		EXAD2	1SNA 205 721 R0000

(1) Blown-fuse indicator by 110 V - 230 V neon lamp (leakage current with neon lamp < 0,5 mA (110 V) - < 0,7 mA (230 V)).

(2) Blown-fuse indicator by LED 24 V (+24V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).

(3) Blown-fuse indicator by LED 48 V (+48V labeled) (leakage current with LED 24 V or 48 V < 4,5 mA).

(4) Terminal block insulation voltage.

Working voltage according to fuse.



R See section on markers
Marking method

RC810 RCAL85

RC810 RCAL85

Terminal blocks Insulation displacement

"Neutral" switch block

ADO - ADO

DIN 3



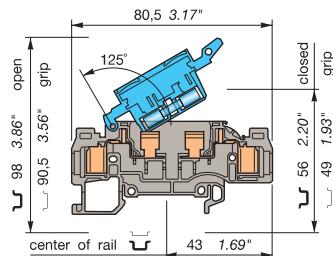
D 1,5/8.SNNT.ADO

Spacing 8 mm +0,05 .315"

ADO wire size

0,34 - 1,5 mm²

22 - 16 AWG



Colour	Type	Part number	Colour	Type	Part number
--------	------	-------------	--------	------	-------------

With DIA. 2 or 2.3 mm test on two sides.

Grey body / Blue grip

■ D 1,5/8.SNNT.ADO 1SNA 199 210 R0600

Characteristics

Wire size

	IEC NFC DIN	UL	CSA		IEC NFC DIN	UL	CSA
Screw	Rigid			Screw	Rigid		
	Flexible				Flexible		
ADO	Rigid, 0,34-1,5 mm ²	22-16 AWG	22-16 AWG	ADO	Rigid		
	Flexible, 0,34-1,5 mm ²	22-16 AWG	22-16 AWG		Flexible		

Voltage

Rated 630 V 600 V 600 V

Impulse withstand 8 kV

Pollution degree 3

Current

Rated 10 A 8 A 10 A

Wire size

Rated	1,5 mm ²	16 AWG	16 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20

NEMA 1

Characteristics

Wire size

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid		
	Flexible		

Voltage

Rated

Impulse withstand

Pollution degree

Current

NoRatedminale

Section

Rated			
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20

NEMA 1

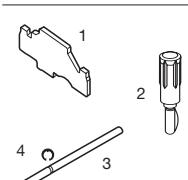
Notes

Standard blocks 8 mm spacing. For two wire connections, the wires need to be of the **same gage and nature** (solid or stranded).

Terminal block body material is UL 94 V0.

On all the blocks a DIA. 2 or 2.3 mm test across the grip can be performed.

Accessories



- 1 End stop grey
- 2 Test plug
- 3 Assembly rod
- 4 Assembly ring
- 5 Hand tool kit
- 6 Semi automatic tool
- 7 Pneumatic tool kit
- 8 Replacement head kit
- 9 Extraction head kit
- 10 Test connector

Type	Part numbers	Type	Part numbers
FEDAD7	th. 1,5 mm 1SNA 199 382 R2700		
FC2 MC	DIA. 2 mm 1SNA 107 239 R0300		
TGA8	2 poles 1SNA 168 672 R1100		
TGA8	3 poles 1SNA 168 673 R1200		
TGA8	4 poles 1SNA 168 674 R1300		
ANT	1SNA 168 675 R1400		
OUMAD	1SNA 179 466 R0600		
OUPAD	1SNA 178 944 R0400		
OUTAD	1SNA 205 710 R1100		
OUTA	1SNA 205 284 R0300		
EXAD2	1SNA 205 721 R0000		
CEADO.8	1SNA 399 348 R2400		
CEAOE	1SNA 399 341 R1500		

R See section on markers
Marking method

RC810 RCAL85

Terminal blocks**Insulation****Displacement****"Neutral" switch block****ADO - ADO**

└ DIN 3

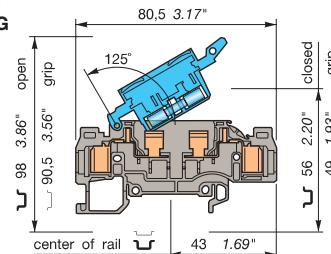
**D 2,5/8.SNNT.ADO2**

Spacing 8 mm +0,05 .315"

ADO wire size

1 - 2,5 mm²

16 - 14 AWG



Colour

Type

Part numbers

Colour

Type

Part numbers

With DIA 2 or DIA. 2.3 mm screw test socket for test.

Grey body/ Blue grip

D 2,5/8.SNNT.ADO2 1SNA 199 186 R1300

Characteristics**Wire size**

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid 1-2,5 mm ²	16-14 AWG	16-14 AWG
	Flexible 1-2,5 mm ²	16-14 AWG	16-14 AWG

Voltage

Rated	630 V	600 V	250 V
Impulse withstand	8 kV		
Pollution degree	3		

Current

Rated	10 A	10 A	10 A
-------	------	------	------

Wire size

Rated	2,5 mm ²	14 AWG	14 AWG
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20

NEMA 1

Characteristics**Wire size**

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid		
	Flexible		

Voltage

Rated			
Impulse withstand			
Pollution degree			

Current

No	Ratedminale		
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Section

Rated			
Wire stripping lenght (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20

NEMA 1

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
Rail	35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

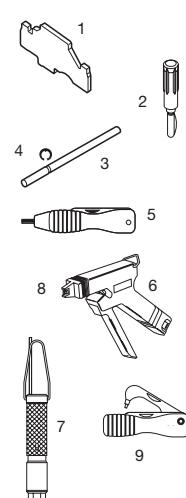
Other end stops, rails and accessories : see section on accessories.

Notes

Standard bloc 8 mm. For multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

On all the blocks a DIA. 2 or 2.3 mm test across the grip can be performed.

Black marking for wire size 1 - 2,5 mm² (16 - 14 AWG)

Accessories

1 End section gris

2 Test plug

3 Assembly rod

4 Assembly ring

5 Hand tool kit

6 Semi automatic tool

7 Pneumatic tool kit

8 Replacement head kit

9 Extraction head kit

Type**Part numbers**

FEDAD7 th. 1,5 mm 1SNA 199 382 R2700

FC2 MC DIA. 2 mm 1SNA 107 239 R0300

TGA8 2 poles 1SNA 168 672 R1100

TGA8 3 poles 1SNA 168 673 R1200

TGA8 4 poles 1SNA 168 674 R1300

ANT 1SNA 168 675 R1400

OUMAD 1SNA 179 466 R0600

OUPAD 1SNA 178 944 R0400

OUTAD 1SNA 205 710 R1100

OUTA 1SNA 205 284 R0300

EXAD2 1SNA 205 721 R0000

Type**Part numbers**

R	See section on markers	RC810	RCAL85
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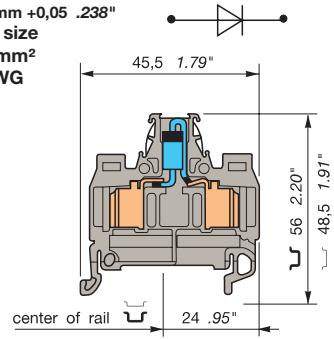
R See section on markers
Marking method

Terminal blocks**Component holder****ADO - ADO**

└ DIN 3



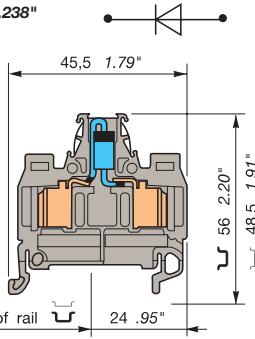
Spacing 6 mm +0,05 .238"
ADO wire size
0,34 -1,5 mm²
22 - 16 AWG



Block equipped with one 1N5408 diode

D 1,5/6.ADO.D2

Spacing 6 mm +0,05 .238"
ADO wire size
0,34 -1,5 mm²
22 - 16 AWG



Block equipped with one 1N5408 diode



Color	Type	Part number
Grey	D 1,5/6.ADO.D1	1SNA 199 248 R1000



Color	Type	Part number
Grey	D 1,5/6.ADO.D2	1SNA 199 249 R1100

Characteristics**Wire size**

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid 0,34 - 1,5 mm ²	22-16 AWG	22-16 AWG

	IEC NFC DIN	UL	CSA
ADO	Flexible 0,34 - 1,5 mm ²	22-16 AWG	22-16 AWG

Characteristics**Wire size**

	IEC NFC DIN	UL	CSA
Screw	Rigid		
	Flexible		
ADO	Rigid 0,34 - 1,5 mm ²	22-16 AWG	22-16 AWG

	IEC NFC DIN	UL	CSA
ADO	Flexible 0,34 - 1,5 mm ²	22-16 AWG	22-16 AWG

Voltage

Rated	80 V		
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Impulse withstand			
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Pollution degree			
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Voltage

Rated	80 V		
-------	------	--	--

Impulse withstand			
-------------------	--	--	--

Pollution degree			
------------------	--	--	--

Current

Rated	1 A		
-------	-----	--	--

Current

Rated	1 A		
-------	-----	--	--

Wire size

Rated / Gauge	1,5 mm ²	16 AWG	16 AWG
---------------	---------------------	--------	--------

Wire size

Rated/gauge	1,5 mm ²	16 AWG	16 AWG
-------------	---------------------	--------	--------

Wire strip length	Recomm. screwdriver	Weight	Protection
-------------------	---------------------	--------	------------

Wire strip length	Recomm. screwdriver	Weight	Protection
-------------------	---------------------	--------	------------

		7 g	IP 20
--	--	-----	-------

		7 g	IP 20
--	--	-----	-------

		.25 oz	NEMA 1
--	--	--------	--------

		.25 oz	NEMA 1
--	--	--------	--------

Accessories**Type****Part numbers****Type****Part numbers**

1 End section	grey	FEMAD3	th. 3,0 mm	1SNA 199 341 R0500	FEMAD3	th. 3,0 mm	1SNA 199 341 R0500
2 Shielding connector		CBM5	th. 0,5 mm	1SNA 178 745 R1400	CBM5	th. 0,5 mm	1SNA 178 745 R1400
3 Hand tool kit		CBM8	th. 0,8 mm	1SNA 178 746 R1500	CBM8	th. 0,8 mm	1SNA 178 746 R1500
4 Semi automatic tool		OUMAD		1SNA 179 466 R0600	OUMAD		1SNA 179 466 R0600
5 Pneumatic tool kit		OUPAD		1SNA 178 944 R0400	OUPAD		1SNA 178 944 R0400
6 Replacement head kit		OUTAD		1SNA 205 710 R1100	OUTAD		1SNA 205 710 R1100
7 Extraction tool kit		OUTA		1SNA 205 284 R0300	OUTA		1SNA 205 284 R0300
8 Screwless jumper bar to be inserted into ADO jaw orange IP20		EXAD2		1SNA 205 721 R0000	EXAD2		1SNA 205 721 R0000
9 Test connector		BJADO6.2	17,5 A 2 poles	1SNA 205 974 R0600	BJADO6.2	17,5 A 2 poles	1SNA 205 974 R0600
		BJADO6.3	17,5 A 3 poles	1SNA 205 975 R0700	BJADO6.3	17,5 A 3 poles	1SNA 205 975 R0700
		BJADO6.4	17,5 A 4 poles	1SNA 205 976 R0000	BJADO6.4	17,5 A 4 poles	1SNA 205 976 R0000
		BJADO6.5	17,5 A 5 poles	1SNA 205 977 R0100	BJADO6.5	17,5 A 5 poles	1SNA 205 977 R0100
		BJADO6.10	17,5 A 10 poles	1SNA 205 982 R2700	BJADO6.10	17,5 A 10 poles	1SNA 205 982 R2700
		BJADO6.20	17,5 A 20 poles	1SNA 205 992 R2100	BJADO6.20	17,5 A 20 poles	1SNA 205 992 R2100
		CEADO.6		1SNA 399 346 R1200	CEADO.6		1SNA 399 346 R1200
		CEAOE		1SNA 399 341 R1500	CEAOE		1SNA 399 341 R1500

R	See section on markers
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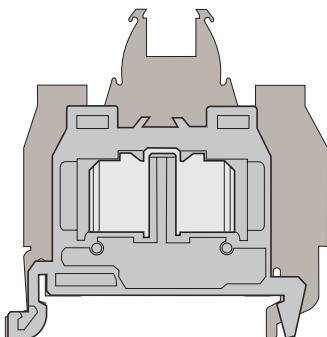
Marking method

RC610	RC65
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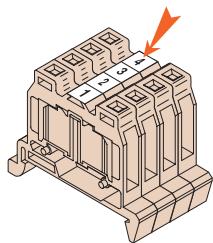
RC610	RC65
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ADO System® MINI BLOCKS

A reduced size range

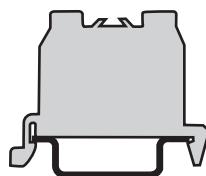


A very legible marking

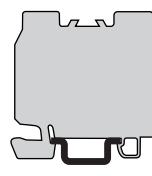


Numerous mounting options

DIN Rail

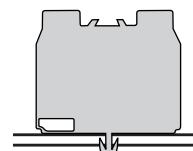


DS=DIN3

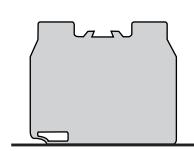


DR=DIN2

Plate



DH = snap-in



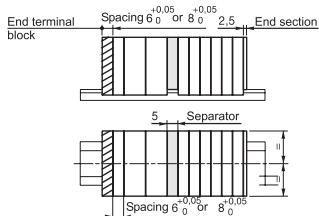
DB = base mount

ADO mini blocks use the same marking technique as standard ENTRELEC terminals, located on the top of the block.

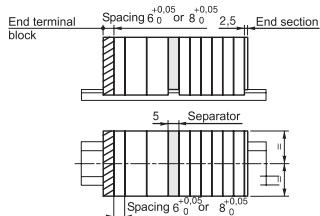
MINI BLOCKS ASSEMBLY AND ACCESSORIES

Rail mounted DIN 2 and DIN 3 :

DIN 3 : DS... ADO



DIN 2 : DR... ADO



At the end of the terminal blocks assembly :

- **End section :** (same accessory for any type of terminal block assembly)

FEAD1 : V/ADO
FEAD2 : ADO/ADO

End section to be mounted directly on the open part of the terminal block.

- **End terminal block :**

DRE... ADO (DIN2)
DSE... ADO (DIN3)

This terminal block has to be mounted at the end of the terminal blocks assembly : it reduces its size, because it suppresses the insulation rib (- 4 mm).

Nota : This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes).

In the terminal blocks assembly :

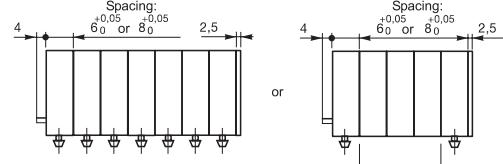
- **Separator :** (same accessory for any type of terminal block assembly)

FEAD5 : V/ADO
FEAD6 : ADO/ADO

Accessory which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

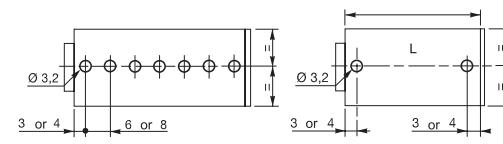
Panel mounted with snap in mounting foot :

Snap in : DH... ADO

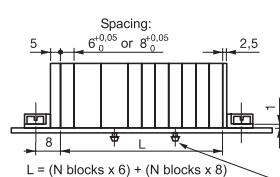


Drilling
(plate thickness 0.6 mm to 1.2 mm)

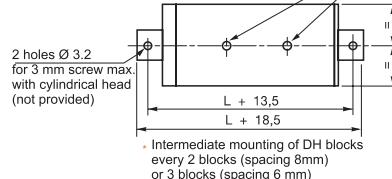
N blocks = 3 blocks max. with 6 mm spacing
2 blocks max. with 8 mm spacing



With screw mounting kit : DB... ADO



Drilling
(plate thickness 0.6 to 1.2 mm)



Miniblocks

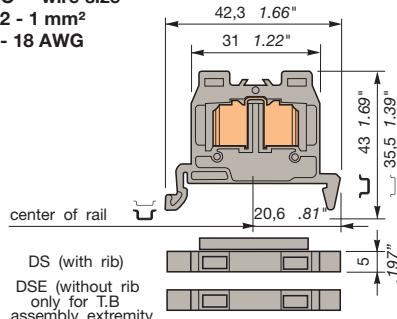
Insulation Displacement

ADO - ADO

DIN 3

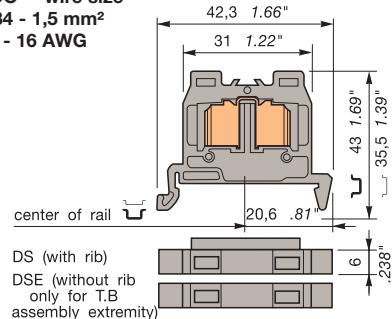


Spacing 5 mm +0,05 .198"
ADO wire size
0,22 - 1 mm²
24 - 18 AWG



DS 1,5/6.ADO

Spacing 6 mm +0,05 .238"
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



Color	Type	Part number
Grey	DS 1/5.ADO	1SNA 399 496 R2200
Blue	DS 1/5.N.ADO	1SNA 399 498 R0400
Orange	DS 1/5.ADO	1SNA 399 497 R2300
Grey	DSE 1/5.ADO	1SNA 399 500 R1200



Color	Type	Part number
Grey	DS 1,5/6.ADO	1SNA 299 497 R2700
Blue	DS 1,5/6.N.ADO	1SNA 299 499 R0100
Orange	DS 1,5/6.ADO	1SNA 299 498 R0000
Grey	DSE 1,5/6.ADO	1SNA 299 558 R1300

refer to the section "Special Applications" for part numbers and characteristics.

End stop	th. 9 mm	BADL	V0	1SNA 399 903 R0200
Rail	35 x 7,5 x 1	PR3.Z2		1SNA 174 300 R1700
Rail	35 x 15 x 2,3	PR4		1SNA 168 500 R1200
Rail	35 x 15 x 1,5	PR5		1SNA 168 700 R2200

Other end stops, rails and accessories : see section on accessories.

Notes

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the same gage and nature (rigid or flexible). Terminal block body material is UL 94 V0.

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	13,5 A	10 A
-------	--------	------

Wire size

Rated / Gauge	1 mm ²		18 AWG
Wire strip. length	Recomm. screwdriver	Weight	Protection
		3 g	IP 20
		.10 oz	NEMA 1

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
ADO	Rigid	0,28-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG

Voltage

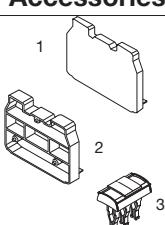
Rated	1000 V	600 V
Impulse withstand		
Pollution degree	3	

Current

Rated	17,5 A	20 A
-------	--------	------

Wire size

Rated / Gauge	1 mm ²	1,5 mm ²	16 AWG
Wire strip. length	Recomm. screwdriver	Weight	Protection
		5 g	IP 20
		.18 oz	NEMA 1

Accessories

Type	Part number	Type	Part number
FEAD2	V0 th. 2,5 mm	FEAD2	V0 th. 2,5 mm
FEAD2	V0 th. 2,5 mm	FEAD2	V0 th. 2,5 mm
FEAD6	V0 th. 5,0 mm	FEAD6	V0 th. 5,0 mm
FEAD6	V0 th. 5,0 mm	FEAD6	V0 th. 5,0 mm
BJADO5.2	17,5 A 2 poles	BJADO6.2	17,5 A 2 poles
BJADO5.3	17,5 A 3 poles	BJADO6.3	17,5 A 3 poles
BJADO5.4	17,5 A 4 poles	BJADO6.4	17,5 A 4 poles
BJADO5.5	17,5 A 5 poles	BJADO6.5	17,5 A 5 poles
BJADO5.10	17,5 A 10 poles	BJADO6.10	17,5 A 10 poles
BJADO5.20	17,5 A 20 poles	BJADO6.20	17,5 A 20 poles
OUMAD		OUMAD	
OUPAD		OUPAD	
OUTAD		OUTAD	
OUTA		OUTA	
EXAD2		EXAD2	
CEADO.5		CEADO.6	
CEAOE		CEAOE	
On top	RC55	On top	RC65

R See section on markers marking method

Miniblocks

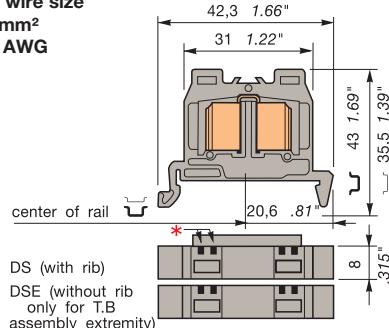
Insulation Displacement

ADO - ADO

DIN 3

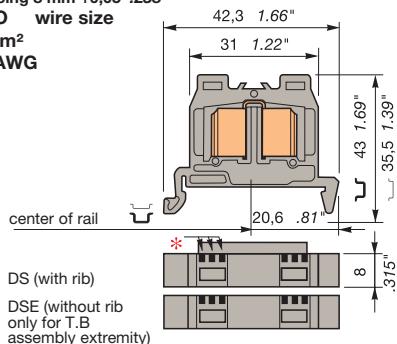


DS 2,5/8.ADO
Spacing 8 mm +0,05 .315"
ADO wire size
1 - 2,5 mm²
16 - 14 AWG



DS 4/8.ADO3

Spacing 8 mm +0,05 .238"
ADO wire size
4 mm²
12 AWG



Color	Type	Part number	Color	Type	Part number
Grey	DS 2,5/8.ADO	1SNA 299 501 R0300	Grey	DS 4/8.ADO3	1SNA 399 411 R2400
Blue	DS 2,5/8.N.ADO	1SNA 299 503 R0500	Blue	DS 4/8.N.ADO3	1SNA 399 413 R2600
Orange	DS 2,5/8.ADO	1SNA 299 502 R0400	Orange	DS 4/8.ADO3	1SNA 399 412 R2500
Grey	DSE 2,5/8.ADO	1SNA 299 559 R1400	Grey	DSE 4/8.ADO3	1SNA 399 415 R2000

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Rigid			
Flexible			

ADO Rigid 1-2,5 mm² 16-14 AWG

Flexible 1-2,5 mm² 16-14 AWG

Voltage

Rated 1000 V 600 V

Impulse withstand 1000 V

Pollution degree 3

Characteristics

Wire size

	IEC		UL/CSA
	NFC	DIN	
Rigid			
Flexible			

ADO Rigid 4 mm² 12 AWG

Flexible 4 mm² 12 AWG

Current

Rated 24 A 25 A

Wire size

Rated / Gauge 2,5 mm² 14 AWG

Wire strip. length	Recomm. screwdriver	Weight	Protection
		7 g	IP 20
		.25 oz	NEMA 1

Voltage

Rated 1000 V

Impulse withstand 1000 V

Pollution degree 3

Wire size

Rated / Gauge 4 mm² 12 AWG

Wire strip. length	Recomm. screwdriver	Weight	Protection
		7 g	IP 20
		.25 oz	NEMA 1

Notes

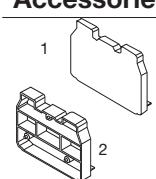
Terminal block body material is UL 94 V0.

DS 2,5/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).

DS 4/8.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

Accessories



Type	Part number	Type	Part number
1 End section	FEAD2	V0	th. 2,5 mm
grey	FEAD2	V0	1SNA 199 423 R1000
orange	FEAD2	V0	th. 2,5 mm
2 Separator	FEAD2	V0	1SNA 199 424 R1100
grey	FEAD6	V0	th. 5,0 mm
orange	FEAD6	V0	1SNA 199 435 R1400
3 Hand tool kit	OUMAD		1SNA 179 466 R0600
4 Semi automatic tool	OUPAD		1SNA 178 944 R0400
5 Pneumatic tool kit	OUTAD		1SNA 205 710 R1100
6 Replacement head kit	OUTA		1SNA 205 284 R0300
7 Extraction tool kit	EXAD2		1SNA 205 721 R0000
		OUMAD	1SNA 179 466 R0600
		OUPAD	1SNA 178 944 R0400
		OUTAD	1SNA 205 710 R1100
		OUTA	1SNA 205 284 R0300
		EXAD2	1SNA 205 721 R0000



R See section on markers marking method

On top RCAL85

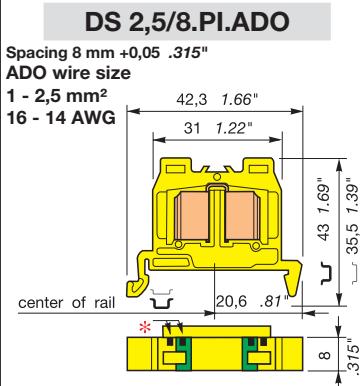
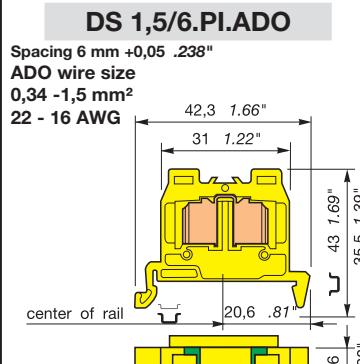
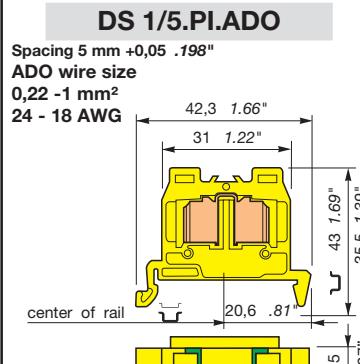
On top RCAL85

Miniblocks
Insulation Displacement
ADO - ADO
ground terminal blocks not electrically connected to the mounting rail

DIN 3



Other accessories of this terminal blocks :
 see pages of same size standard blocks.
 * Notches to identify 8 mm spacing.



Type	P/N
Yellow body / green marking	
■ DS 1/5.PI.ADO 1SNA 399 499 R0500	

Type	P/N
Yellow body / green marking	
■ DS 1,5/6.PI.ADO 1SNA 299 500 R1600	

Type	P/N
Yellow body / green marking	
■ DS 2,5/8.PI.ADO 1SNA 299 504 R0600	

Characteristics

	NFC	IEC DIN	UL/CSA		NFC	IEC DIN	UL/CSA		NFC	IEC DIN	UL/CSA
Wire size	Rigid	0,2-1 mm ²	24-18 AWG		0,28-1,5 mm ²	22-16 AWG			1-2,5 mm ²	16-14 AWG	
	Flexible	0,22-1 mm ²	24-18 AWG		0,34-1,5 mm ²	22-16 AWG			1-2,5 mm ²	16-14 AWG	
Rated current short-circuit		120 A / 1 s.			180 A / 1 s.				300 A / 1 s.		
Rated wire size nominal / gauge		1 mm ²	18 AWG		1,5 mm ²	16 AWG			2,5 mm ²	14 AWG	

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			3 g	IP20				5 g	IP20				7 g	IP20
			.11 oz	NEMA 1				.18 oz	NEMA 1				.25 oz	NEMA 1

Approvals	UL	CE	UL	CE	UL	CE

Accessories

	Type	P/N	Type	P/N	Type	P/N
1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100

R See section on markers mode

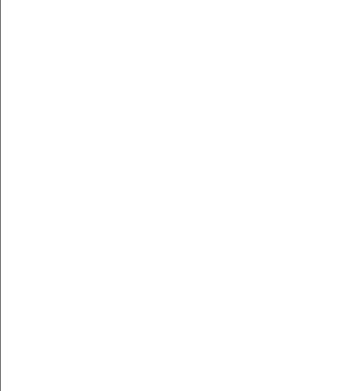
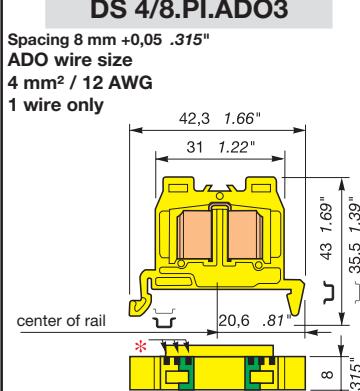
RC55	RC65	RCAL85
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Miniblocks
Insulation Displacement

ADO - ADO

ground terminal blocks not electrically connected to the mounting rail

DIN 3



Type	P/N
Yellow body / green marking	
■ DS 4/8.PI.ADO3 1SNA 399 414 R2700	

Other accessories of this terminal blocks :
 see pages of same size standard blocks.

* Notches to identify 8 mm spacing.

Characteristics

	NFC	IEC DIN	UL/CSA		NFC	IEC DIN	UL	CSA		NFC	IEC DIN	UL	CSA
Wire size	Rigid	4 mm ²	12 AWG										
	Flexible	4 mm ²	12 AWG										
Rated current short-circuit		480 A / 1 s.											
Rated wire size nominal / gauge		4 mm ²	12 AWG										

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			7 g	IP20										
			.25 oz	NEMA 1										

Approvals	UL	CE	UL	CE

Accessories

	Type	P/N	Type	P/N	Type	P/N
1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000				
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100				

R See section on markers mode

RCAL85				
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Miniblocks
Insulation Displacement
ADO - ADO
ground terminal blocks
electrically connected to the
mounting rail

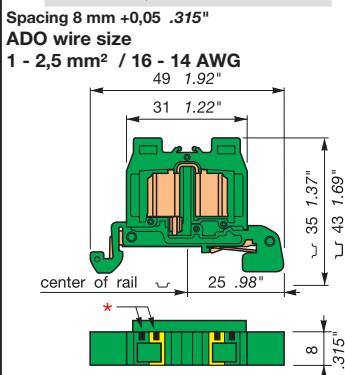
DIN 3



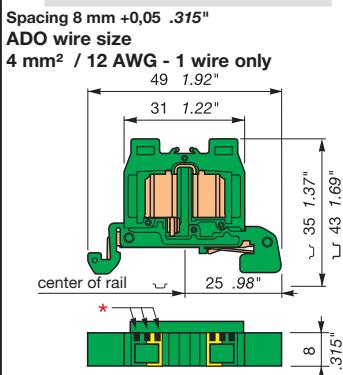
Other accessories of this terminal blocks:
 see pages of same size standard blocks.

* Notches to identify 8mm spacing.

DS 2,5/8.P.ADO



DS 4/8.P.ADO3



Type **P/N**

Green body / yellow marking
■ DS 2,5/8.P.ADO 1SNA 199 528 R2100

Type **P/N**

Green body / yellow marking
■ DS 4/8.P.ADO3 1SNA 399 443 R0400

Type **P/N**

Characteristics

	IEC NFC DIN		UL/CSA		IEC NFC DIN		UL/CSA		IEC NFC DIN		UL		CSA	
Wire size	Rigid	1-2,5 mm ²		16-14 AWG		4 mm ²		12 AWG						
	Flexible					4 mm ²		12 AWG						
Rated current short-circuit		1-2,5 mm ²		16-14 AWG		480 A/1 s.								
Rated wire size nominal / gauge				300 A / 1 s.		4 mm ²		12 AWG						
Other characteristics		Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	
				10 g	IP20			10 g	IP20					
				.35 oz	NEMA 1			.35 oz	NEMA 1					
Approvals														
Accessories		Type	P/N		Type	P/N		Type	P/N					
1 End section	grey	FEAD2 V0 th. 2,5 mm	1SNA 199 423 R1000		FEAD2 V0 th. 2,5 mm	1SNA 199 423 R1000								
	orange	FEAD2 V0 th. 2,5 mm	1SNA 199 424 R1100		FEAD2 V0 th. 2,5 mm	1SNA 199 424 R1100								
R See section on markers	mode	On top	RCAL85		On top	RCAL85								

Characteristics

	IEC NFC DIN		UL		CSA		IEC NFC DIN		UL		CSA			
Wire size	Rigid													
	Flexible													
Rated current short-circuit														
Rated wire size nominal / gauge														
Other characteristics		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
Approvals														
Accessories		Type	P/N		Type	P/N		Type	P/N					

Miniblocks

Insulation

Displacement

ADO - ADO



→ DIN 2



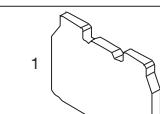
refer to the section "Special Applications" for part numbers and characteristics.

End stop ↵ th. 6,5 mm BADRL V0 1SNA 199 420 R2100
 Rail ↵ 15 x 5 x 1 PR2 1SNA 164 600 R1200
 Other end stops, rails and accessories : see section on accessories.

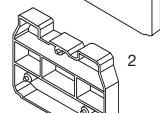
Observations

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

Accessories



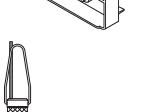
1 End section



grey

orange

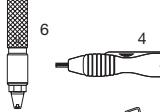
2 Separator



grey

orange

3 Screwless jumper bar



to be inserted into ADO jaw



orange IP20



4 Hand tool kit



5 Semi automatic kit



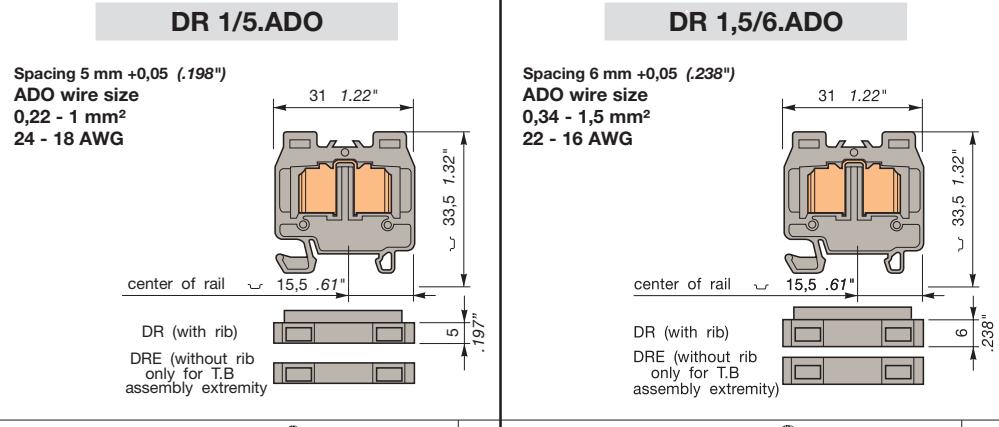
6 Pneumatic tool kit

7 Replacement head kit

8 Extraction tool kit

9 Test connector

R See section on markers marking method



cULus			GL			CE		
Colour	Type	Part numbers	Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	DR 1/5.ADO	1SNA 399 491 R2500	Grey	DR 1,5/6.ADO	1SNA 199 283 R2400			
Blue	DR 1/5.N.ADO	1SNA 399 493 R2700	Blue	DR 1,5/6.N.ADO	1SNA 199 285 R2600			
Orange	DR 1/5.ADO	1SNA 399 492 R2600	Orange	DR 1,5/6.ADO	1SNA 199 284 R2500			
Grey	DRE 1/5.ADO	1SNA 399 495 R2100	Grey	DRE 1,5/6.ADO	1SNA 299 554 R0700			

Characteristics

Wire size				Wire size			
	IEC NFC	DIN	UL/CSA		IEC NFC	DIN	UL/CSA
Screw	Rigid			Screw	Rigid		
	Flexible				Flexible		
ADO		0,2 - 1 mm ²	24-18 AWG	ADO		0,28 - 1,5 mm ²	22-16 AWG
Rigid		0,22 - 1 mm ²	24-18 AWG	Flexible		0,34 - 1,5 mm ²	22-16 AWG
Voltage				Voltage			
Rated	1000 V		600 V	Rated	1000 V		600 V
Impulse withstand	8 kV			Impulse withstand	8 kV		
Pollution degree	3			Pollution degree	3		
Current				Current			
Rated	13,5 A		10 A	Rated	17,5 A		20 A
Wire size				Wire size			
Rated / Gauge	1 mm ²		18 AWG	Rated / Gauge	1,5 mm ²		16 AWG
Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
		3 g	IP 20			3 g	IP 20
		.11 oz	NEMA 1			.11 oz	NEMA 1

Type	P/N	Type	P/N
FEAD2 V0	th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0	th. 2,5 mm 1SNA 199 423 R1000
FEAD2 V0	th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0	th. 2,5 mm 1SNA 199 424 R1100
FEAD6 V0	th. 5,0 mm 1SNA 199 435 R1400	FEAD6 V0	th. 5,0 mm 1SNA 199 435 R1400
FEAD6 V0	th. 5,0 mm 1SNA 199 436 R1500	FEAD6 V0	th. 5,0 mm 1SNA 199 436 R1500
BJADO5.2 17,5 A 2 poles	1SNA 205 955 R0300	BJADO6.2 17,5 A 2 poles	1SNA 205 974 R0600
BJADO5.3 17,5 A 3 poles	1SNA 205 956 R0400	BJADO6.3 17,5 A 3 poles	1SNA 205 975 R0700
BJADO5.4 17,5 A 4 poles	1SNA 205 957 R0500	BJADO6.4 17,5 A 4 poles	1SNA 205 976 R0000
BJADO5.5 17,5 A 5 poles	1SNA 205 958 R1600	BJADO6.5 17,5 A 5 poles	1SNA 205 977 R0100
BJADO5.10 17,5 A 10 poles	1SNA 205 963 R0300	BJADO6.10 17,5 A 10 poles	1SNA 205 982 R2700
BJADO5.20 17,5 A 20 poles	1SNA 205 973 R0500	BJADO6.20 17,5 A 20 poles	1SNA 205 992 R2100
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100	OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300	OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000	EXAD2	1SNA 205 721 R0000
CEADO.5	1SNA 399 345 R1100	CEADO.6	1SNA 399 346 R1200
CEADOE	1SNA 399 341 R1500	CEADOE	1SNA 399 341 R1500
On top	RC55	On top	RC 65

Miniblocks

Insulation Displacement

ADO - ADO



DIN 2



End stop th. 6,5 mm BADRL V0 1SNA 199 420 R2100
 Rail 15 x 5 x 1 PR2 1SNA 164 600 R1200
 Other end stops, rails and accessories : see section on accessories.

Observations

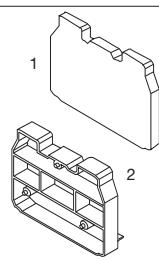
Terminal block body material is UL 94 V0.

DR 2,5/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).

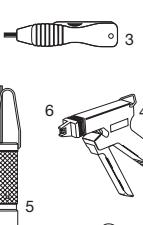
DR 4/8.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

Accessories



- 1 End section grey/orange
- 2 Separator grey/orange
- 3 Hand tool kit
- 4 Semi automatic kit
- 5 Pneumatic tool kit
- 6 Replacement head kit
- 7 Extraction tool kit



R See section on markers marking method

DR 2,5/8.ADO				DR 4/8.ADO3							
Spacing 8 mm +0,05 (.315")				Spacing 8 mm +0,05 .315"							
ADO wire size				ADO wire size							
1 - 2,5 mm ²				4 mm ²							
16 - 14 AWG				12 AWG							
DR (with rib)				DR (with rib)							
DRE (without rib only for T.B assembly extremity)				DRE (without rib only for T.B assembly extremity)							
Colour	Type	Part numbers		Colour	Type	Part numbers					
Grey	DR 2,5/8.ADO	1SNA 199 287 R2000		Grey	DR 4/8.ADO3	1SNA 399 406 R0000					
Blue	DR 2,5/8.N.ADO	1SNA 199 289 R0200		Blue	DR 4/8.N.ADO3	1SNA 399 408 R1200					
Orange	DR 2,5/8.ADO	1SNA 199 288 R0100		Orange	DR 4/8.ADO3	1SNA 399 407 R0100					
Grey	DRE 2,5/8.ADO	1SNA 299 555 R0000		Grey	DRE 4/8.ADO3	1SNA 399 410 R0700					
Characteristics				Characteristics							
Wire size				Wire size							
		IEC		UL/CSA							
		NFC	DIN								
Screw	Rigid					Screw	Rigid				
	Flexible						Flexible				
		1-2,5 mm ²		16-14 AWG							
ADO											
		1-2,5 mm ²		16-14 AWG							
Voltage				Voltage							
Rated		1000 V		600 V							
Impulse withstand		8 kV									
Pollution degree		3									
Current				Current							
Rated		24 A		25 A							
Wire size				Wire size							
Rated / Gauge		2,5 mm ²		14 AWG							
		Wire strip. length		Recomm. screwdriver		Weight					
						Protection					
				7 g		IP 20					
				.25 oz		7 g					
				NEMA 1		IP 20					
						.25 oz					
						NEMA 1					
Type	P/N	Type	P/N	Type	P/N	Type	P/N				
FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000	FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000				
FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100	FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100				
FEAD6	V0	th. 5,0 mm	1SNA 199 435 R1400	FEAD6	V0	th. 5,0 mm	1SNA 199 435 R1400				
FEAD6	V0	th. 5,0 mm	1SNA 199 436 R1500	FEAD6	V0	th. 5,0 mm	1SNA 199 436 R1500				
OUMAD			1SNA 179 466 R0600	OUMAD			1SNA 179 466 R0600				
OUPAD			1SNA 178 944 R0400	OUPAD			1SNA 178 944 R0400				
OUTAD			1SNA 205 710 R1100	OUTAD			1SNA 205 710 R1100				
OUTA			1SNA 205 284 R0300	OUTA			1SNA 205 284 R0300				
EXAD2			1SNA 205 721 R0000	EXAD2			1SNA 205 721 R0000				
On top RCAL85				On top RCAL85							

Miniblocks Insulation Displacement

ADO - ADO

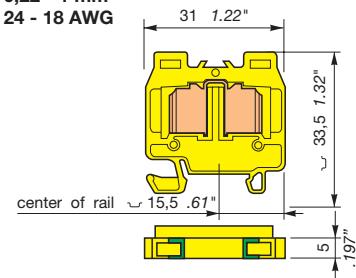
ground terminal blocks not electrically connected to the mounting rail

— DIN 2



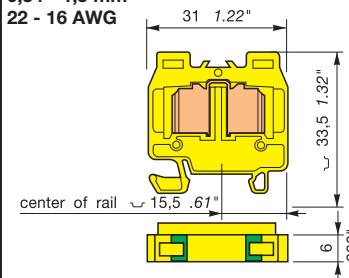
DR 1/5.PI.ADO

Spacing 5 mm + 0,05 .198"
ADO wire size
0,22 - 1 mm²
24 - 18 AWG



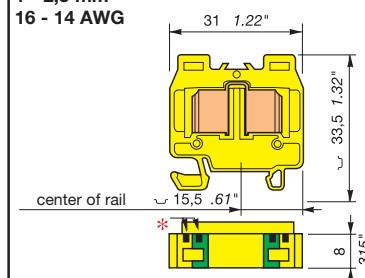
DR 1,5/6.PI.ADO

Spacing 6 mm + 0,05 .238"
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



DR 2,5/8.PI.ADO

8 mm + 0,05 .315"
A.D.O. wire size
1 - 2,5 mm²
16 - 14 AWG



refer to the section "Special Applications" for part numbers and characteristics.

Other accessories of this terminal blocks:
see pages of same size standard blocks.

*Notches to identify 8 mm spacing.

Characteristics

	IEC		UL/CSA			IEC		UL/CSA			IEC		UL/CSA	
	NFC	DIN				NFC	DIN				NFC	DIN		
Wire size	ADO	Rigid	0,2-1 mm ²	24-18 AWG		0,28-1,5 mm ²	22-16 AWG				1-2,5 mm ²	16-14 AWG		
		Flexible	0,22-1 mm ²	24-18 AWG		0,34-1,5 mm ²	22-16 AWG				1-2,5 mm ²	16-14 AWG		
Rated current short-circuit			120 A / 1s.			180 A / 1s.					300 A / 1s.			
Rated wire size nominal / gauge			1 mm ²	18 AWG		1,5 mm ²		16 AWG			2,5 mm ²		14 AWG	

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			3 g	IP 20				5 g	IP 20				7 g	IP 20
			.11 oz	NEMA 1				.18 oz	NEMA 1				.25 oz	NEMA 1

Approvals



Accessories

	Type	Part number	Type	Part number	Type	Part number
1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	

R See section on markers mode

On top RC55

On top RC65

On top RCAL85

Miniblocks Insulation Displacement

ADO - ADO

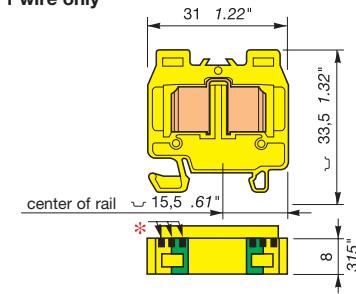
ground terminal blocks not electrically connected to the mounting rail

— DIN 2



DR 4/8.PI.ADO3

8 mm + 0,05 .315"
ADO wire size
4 mm² / 12 AWG
1 wire only



Other accessories of this terminal blocks:
see pages of same size standard blocks.

*Notches to identify 8 mm spacing.

Characteristics

	IEC		UL/CSA			IEC		UL		CSA		IEC		UL		CSA
	NFC	DIN				NFC	DIN					NFC	DIN			
Wire size	ADO	Rigid	4 mm ²	12 AWG												
		Flexible	4 mm ²	12 AWG												

Rated current short-circuit

480 A / 1s.

Rated wire size nominal / gauge

4 mm²

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			7 g	IP 20										
			.25 oz	NEMA 1										

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			7 g	IP 20										
			.25 oz	NEMA 1										

Approvals



Accessories

	Type	Part number	Type	Part number	Type	Part number
1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000				
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100				

R See section on markers mode

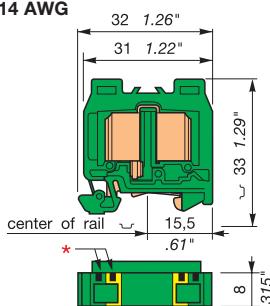
On top RCAL85

Miniblocks
Insulation Displacement
ADO - ADO
ground terminal blocks
electrically connected to the
mounting rail

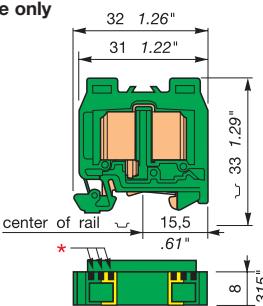
DIN 2

**DR 2,5/8.P.ADO**

Spacing 8 mm +0,05 .315"
 ADO wire size
 1 - 2,5 mm²
 16 - 14 AWG

**DR 4/8.P.ADO3**

Spacing 8 mm +0,05 .315"
 ADO wire size
 4 mm² / 12 AWG
 1 wire only

**Type** **Part number**

Green body / Yellow marking

■ DR 2,5/8.P.ADO 1SNA 299 633 R0600

Type **Part number**

Green body / Yellow marking

■ DR 4/8.P.ADO3 1SNA 399 442 R0300

Type **Part number****Characteristics**

		IEC		UL/CSA		IEC		UL/CSA		IEC	
	NFC	DIN					NFC	DIN			

Wire size	ADO	Rigid	1-2,5 mm ²		16-14 AWG		4 mm ²		12 AWG		
		Flexible	1-2,5 mm ²		16-14 AWG		4 mm ²		12 AWG		

Rated current short-circuit**Rated wire size nominal / gauge****Other characteristics**

Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
--------------------	---------------------	--------	------------	--------------------	---------------------	--------	------------	--------------------	---------------------	--------	------------

		10 g	IP 20			10 g	IP 20				
		.35 oz	NEMA 1			.35 oz	NEMA 1				

Approvals	CE	UL	CE	UL	CSA	IEC	NFC	DIN	UL	CSA
-----------	----	----	----	----	-----	-----	-----	-----	----	-----

Accessories	Type	Part number	Type	Part number	Type	Part number
-------------	------	-------------	------	-------------	------	-------------

1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000		
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100		

R See section on markers	mode	On top	RCAL85	On top	RCAL85		
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Type **Part number****Type** **Part number****Type** **Part number**

Characteristics	IEC	UL	CSA	IEC	UL	CSA	IEC	UL	CSA
	NFC	DIN		NFC	DIN		NFC	DIN	

Wire size	ADO	Rigid							
		Flexible							

Rated current short-circuit**Rated wire size nominal / gauge****Other characteristics**

Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection	Wire strip. length	Recomm. screwdriver	Weight	Protection
--------------------	---------------------	--------	------------	--------------------	---------------------	--------	------------	--------------------	---------------------	--------	------------

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Approvals											
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Accessories**Accessories****Accessories**

Miniblocks

Insulation Displacement

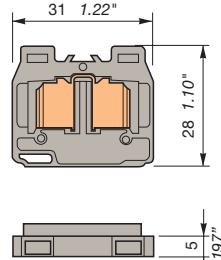
ADO - ADO

Base mount with flanges



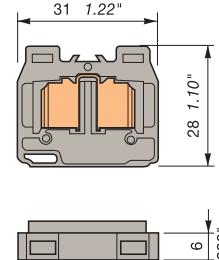
DB 1/5.ADO

Spacing 5 mm +0,05 .197"
ADO wire size
0,22 - 1 mm²
24 - 18 AWG



DB 1,5/6.ADO

Spacing 6 mm +0,05 .238"
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



Colour

Type

Part numbers

Grey

DB 1/5.ADO

1SNA 399 501 R0700

Blue

DB 1/5.N.ADO

1SNA 399 503 R0100

Orange

DB 1/5.ADO

1SNA 399 502 R0000



Colour

DB 1,5/6.ADO

1SNA 299 513 R2600

Blue

DB 1,5/6.N.ADO

1SNA 299 515 R2000

Orange

DB 1,5/6.ADO

1SNA 299 514 R2700

Characteristics

Wire size

	IEC	UL/CSA
NFC	DIN	

Screw	Rigid	
	Flexible	
ADO	Rigid	0,2-1 mm ²
	Flexible	0,22-1 mm ²

24-18 AWG

Characteristics

Wire size

	IEC	UL/CSA
NFC	DIN	

Screw	Rigid	
	Flexible	
ADO	Rigid	0,28-1,5 mm ²
	Flexible	0,34-1,5 mm ²

22-16 AWG

22-16 AWG

Voltage

Voltage

Rated 1000 V 600 V

Rated 1000 V 600 V

Impulse withstand 8 kV

Impulse withstand 8 kV

Pollution degree 3

Pollution degree 3

Current

Current

Rated 13,5 A 10 A

Rated 17,5 A 20 A

Wire size

Wire size

Rated / Gauge	1 mm ²	18 AWG
---------------	-------------------	--------

Rated / Gauge	1 mm ²	1,5 mm ²	16 AWG
---------------	-------------------	---------------------	--------

Wire strip. length	Recomm. screwdriver	Weight	Protection
--------------------	---------------------	--------	------------

Wire strip. length	Recomm. screwdriver	Weight	Protection
--------------------	---------------------	--------	------------

3 g IP 20

5 g IP 20

.11 oz NEMA 1

.18 oz NEMA 1

For drilling patterns see page: assembly and accessories

Observations

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 V0.

Accessories

1 End section grey

orange

2 Separator grey

orange

3 Screwless jumper bar

orange IP20

4 Hand tool kit

5 Semi automatic tool

6 Pneumatic tool kit

7 Replacement head kit

8 Extraction tool kit

9 Test connector

Type

P/N

FEAD4 V0 1SNA 199 439 R2000

FEAD4 V0 1SNA 199 440 R0500

FEAD6 V0 th. 5,0 mm 1SNA 199 435 R1400

FEAD6 V0 th. 5,0 mm 1SNA 199 436 R1500

BJADO5.2 17,5 A 2 poles 1SNA 205 955 R0300

BJADO5.3 17,5 A 3 poles 1SNA 205 956 R0400

BJADO5.4 17,5 A 4 poles 1SNA 205 957 R0500

BJADO5.5 17,5 A 5 poles 1SNA 205 958 R1600

BJADO5.10 17,5 A 10 poles 1SNA 205 963 R0300

BJADO5.20 17,5 A 20 poles 1SNA 205 973 R0500

OUMAD 1SNA 179 466 R0600

OUPAD 1SNA 178 944 R0400

OUTAD 1SNA 205 710 R1100

OUTA 1SNA 205 284 R0300

EXAD2 1SNA 205 721 R0000

CEADO.5 1SNA 399 345 R1100

CEADOE 1SNA 399 341 R1500

Type

P/N

FEAD4 V0 1SNA 199 439 R2000

FEAD4 V0 1SNA 199 440 R0500

FEAD6 V0 th. 5,0 mm 1SNA 199 435 R1400

FEAD6 V0 th. 5,0 mm 1SNA 199 436 R1500

BJADO6.2 17,5 A 2 poles 1SNA 205 974 R0600

BJADO6.3 17,5 A 3 poles 1SNA 205 975 R0700

BJADO6.4 17,5 A 4 poles 1SNA 205 976 R0000

BJADO6.5 17,5 A 5 poles 1SNA 205 977 R0100

BJADO6.10 17,5 A 10 poles 1SNA 205 982 R2700

BJADO6.20 17,5 A 20 poles 1SNA 205 992 R2100

OUMAD 1SNA 179 466 R0600

OUPAD 1SNA 178 944 R0400

OUTAD 1SNA 205 710 R1100

OUTA 1SNA 205 284 R0300

EXAD2 1SNA 205 721 R0000

CEADO.6 1SNA 399 346 R1200

CEADOE 1SNA 399 341 R1500

On top RC55

On top RC65

R See section on markers marking method

Miniblocks

Insulation

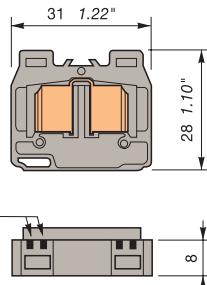
Displacement

ADO - ADO

Base mount with flanges

**DB 2,5/8.ADO**

Spacing 8 mm +0,05 .315"
ADO wire size
1 - 2,5 mm²
16 - 14 AWG



Colour	Type	Part numbers
Grey	DB 2,5/8.ADO	1SNA 299 517 R2200
Blue	DB 2,5/8.N.ADO	1SNA 299 519 R0400
Orange	DB 2,5/8.ADO	1SNA 299 518 R0300

Characteristics**Wire size**

	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
ADO	Rigid	1-2,5 mm ²	16-14 AWG
	Flexible	1-2,5 mm ²	16-14 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	24 A	25 A
-------	------	------

Wire size

Rated / Gauge	2,5 mm ²	14 AWG
Wire strip. length	Recomm. screwdriver	Weight
		7 g
		.25 oz
		IP 20
		NEMA 1

Wire size

Rated / Gauge	4 mm ²	12 AWG
Wire strip. length	Recomm. screwdriver	Weight
		7 g
		.25 oz
		IP 20
		NEMA 1

Type	P/N	Type	P/N
FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000
FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500
FEAD6 V0	th. 5,0 mm 1SNA 199 435 R1400	FEAD6 V0	th. 5,0 mm 1SNA 199 435 R1400
FEAD6 V0	th. 5,0 mm 1SNA 199 436 R1500	FEAD6 V0	th. 5,0 mm 1SNA 199 436 R1500
OUMAD	1SNA 179 466 R0600	OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400	OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100	OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300	OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000	EXAD2	1SNA 205 721 R0000

1	End section (left+ right)	grey	FEAD4	V0	1SNA 199 439 R2000	FEAD4	V0	1SNA 199 439 R2000
		orange	FEAD4	V0	1SNA 199 440 R0500	FEAD4	V0	1SNA 199 440 R0500
2	Separator	grey	FEAD6	V0	th. 5,0 mm 1SNA 199 435 R1400	FEAD6	V0	th. 5,0 mm 1SNA 199 435 R1400
		orange	FEAD6	V0	th. 5,0 mm 1SNA 199 436 R1500	FEAD6	V0	th. 5,0 mm 1SNA 199 436 R1500
3	Hand tool kit		OUMAD		1SNA 179 466 R0600	OUMAD		1SNA 179 466 R0600
4	Semi automatic tool		OUPAD		1SNA 178 944 R0400	OUPAD		1SNA 178 944 R0400
5	Pneumatic tool kit		OUTAD		1SNA 205 710 R1100	OUTAD		1SNA 205 710 R1100
6	Replacement head kit		OUTA		1SNA 205 284 R0300	OUTA		1SNA 205 284 R0300
7	Extraction tool kit		EXAD2		1SNA 205 721 R0000	EXAD2		1SNA 205 721 R0000
R	See section on markers marking method		On top	RCAL85		On top	RCAL85	

Miniblocks
Insulation Displacement
ADO - ADO
ground terminal blocks not electrically connected to the mounting plate
Base mount with flanges



Other accessories of this terminal blocks:
 see pages of same size standard blocks.

*Notches to identify 8 mm spacing.

Characteristics

Wire size	ADO	IEC		UL/CSA		IEC		UL/CSA		IEC		UL/CSA	
		NFC	DIN	0,2-1 mm ²	24-18 AWG	NFC	DIN	0,28-1,5 mm ²	22-16 AWG	NFC	DIN	1-2,5 mm ²	16-14 AWG
	Rigid	0,2-1 mm ²		24-18 AWG		0,28-1,5 mm ²		22-16 AWG		1-2,5 mm ²		16-14 AWG	
	Flexible	0,22-1 mm ²		24-18 AWG		0,34-1,5 mm ²		22-16 AWG		1-2,5 mm ²		16-14 AWG	
Rated current short-circuit		120 A / 1 s.				180 A / 1 s.				300 A / 1 s.			
Rated wire size nominal / gauge		1 mm ²		18 AWG		1,5 mm ²		16 AWG		2,5 mm ²		14 AWG	

Other characteristics

Type	Part number	Type	Part number	Type	Part number
FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000
FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500
R See section on markers mode	RC55	RC65		RCAL85	

Miniblocks

Insulation Displacement

ADO - ADO

ground terminal blocks not electrically connected to the mounting plate

Base mount with flanges



Other accessories of this terminal blocks:
 see pages of same size standard blocks.

*Notches to identify 8 mm spacing.

Characteristics

Wire size	ADO	IEC		UL/CSA		IEC		UL		CSA		IEC	
		NFC	DIN	4 mm ²	12 AWG	NFC	DIN	4 mm ²	12 AWG	NFC	DIN	4 mm ²	12 AWG
	Rigid	4 mm ²		12 AWG									
	Flexible	4 mm ²		12 AWG									
Rated current short-circuit		480 A / 1 s.											
Rated wire size nominal / gauge		4 mm ²		12 AWG									

Other characteristics

Type	Part number	Type	Part number	Type	Part number
FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000	FEAD4 V0	1SNA 199 439 R2000
FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500	FEAD4 V0	1SNA 199 440 R0500
R See section on markers mode	RCAL85				

Miniblocks

Insulation Displacement

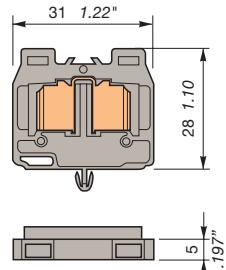
ADO - ADO

Base mount with snap in mounting foot



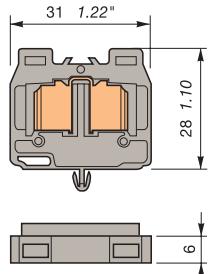
DH 1/5.ADO

Spacing 5 mm +0,05 (.198")
ADO wire size
0,22 - 1 mm²
24 - 18 AWG



DH 1,5/6.ADO

Spacing 6 mm +0,05 (.238")
ADO wire size
0,34 - 1,5 mm²
22 - 16 AWG



Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	DH 1/5.ADO	1SNA 399 505 R0300	Grey	DH 1,5/6.ADO	1SNA 299 529 R0600
Blue	DH 1/5.N.ADO	1SNA 399 507 R0500	Blue	DH 1,5/6.N.ADO	1SNA 299 531 R2000
Orange	DH 1/5.ADO	1SNA 399 506 R0400	Orange	DH 1,5/6.ADO	1SNA 299 530 R0300

Characteristics

Wire size

Screw	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
ADO	Rigid	0,2-1 mm ²	24-18 AWG
	Flexible	0,22-1 mm ²	24-18 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Characteristics

Wire size

Screw	IEC		UL/CSA
	NFC	DIN	
Screw	Rigid		
ADO	Rigid	0,28-1,5 mm ²	22-16 AWG
	Flexible	0,34-1,5 mm ²	22-16 AWG

Voltage

Rated	1000 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Current

Rated	13,5 A	10 A
-------	--------	------

Current

Rated	17,5 A	20 A
-------	--------	------

Wire size

Rated / Gauge	1 mm ²	18 AWG
Wire strip. length	Recomm. screwdriver	Weight
		Protection
		3 g IP 20
		.11 oz NEMA 1

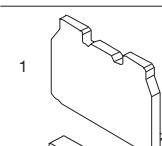
Wire size

Rated / Gauge	1,5 mm ²	16 AWG
Wire strip. length	Recomm. screwdriver	Weight
		5 g IP 20
		.18 oz NEMA 1

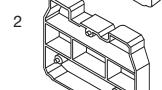
Observations

Standard blocks 5 and 6 mm. For multiple wires connections, the two wires need to be of the **same gage and nature** (rigid or flexible). Terminal block body material is UL 94 VO.

Accessories



1 End section



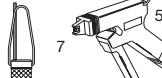
2 Separator



3 Screwless jumper bar
to be inserted into ADO jaw
orange IP20



4 Hand tool kit



5 Semi automatic tool



6 Pneumatic tool kit



7 Replacement head kit



8 Extraction tool kit



9 Test connector

Type

P/N

FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000
FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100
FEAD6	V0	th. 5,0 mm	1SNA 199 435 R1400
FEAD6	V0	th. 5,0 mm	1SNA 199 436 R1500
BJADO5.2	17,5 A	2 poles	1SNA 205 955 R0300
BJADO5.3	17,5 A	3 poles	1SNA 205 956 R0400
BJADO5.4	17,5 A	4 poles	1SNA 205 957 R0500
BJADO5.5	17,5 A	5 poles	1SNA 205 958 R1600
BJADO5.10	17,5 A	10 poles	1SNA 205 963 R0300
BJADO5.20	17,5 A	20 poles	1SNA 205 973 R0500
OUMAD			1SNA 179 466 R0600
OUPAD			1SNA 178 944 R0400
OUTAD			1SNA 205 710 R1100
OUTA			1SNA 205 284 R0300
EXAD2			1SNA 205 721 R0000
CEADO.5			1SNA 399 345 R1100
CEADOE			1SNA 399 341 R1500

Type

P/N

FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000
FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100
FEAD6	V0	th. 5,0 mm	1SNA 199 435 R1400
FEAD6	V0	th. 5,0 mm	1SNA 199 436 R1500
BJADO6.2	17,5 A	2 poles	1SNA 205 974 R0600
BJADO6.3	17,5 A	3 poles	1SNA 205 975 R0700
BJADO6.4	17,5 A	4 poles	1SNA 205 976 R0000
BJADO6.5	17,5 A	5 poles	1SNA 205 977 R0100
BJADO6.10	17,5 A	10 poles	1SNA 205 982 R2700
BJADO6.20	17,5 A	20 poles	1SNA 205 992 R2100
OUMAD			1SNA 179 466 R0600
OUPAD			1SNA 178 944 R0400
OUTAD			1SNA 205 710 R1100
OUTA			1SNA 205 284 R0300
EXAD2			1SNA 205 721 R0000
CEADO.6			1SNA 399 346 R1200
CEADOE			1SNA 399 341 R1500

On top RC55

On top RC65

R See section on markers marking method

Miniblocks

Insulation

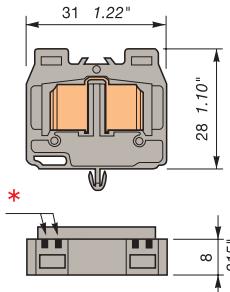
Displacement

ADO - ADO

Base mount with snap in mounting foot

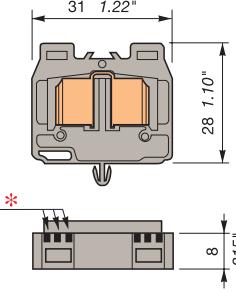


Spacing 8 mm +0,05 (.315")
ADO wire size
1 - 2,5 mm²
16 - 14 AWG



DH 4/8.ADO3

Spacing 8 mm +0,05 .315"
ADO wire size
4 mm²
12 AWG



Colour	Type	Part numbers
Grey	DH 2,5/8.ADO	1SNA 299 533 R2200
Blue	DH 2,5/8.N.ADO	1SNA 299 535 R2400
Orange	DH 2,5/8.ADO	1SNA 299 534 R2300



Colour	Type	Part numbers
Grey	DH 4/8.ADO3	1SNA 399 420 R0100
Blue	DH 4/8.N.ADO3	1SNA 399 422 R2700
Orange	DH 4/8.ADO3	1SNA 399 421 R2600

Characteristics

Wire size

Screw	Rigid	IEC NFC	DIN	UL/CSA
	Flexible			
ADO	Rigid	1-2,5 mm ²		16-14 AWG
	Flexible	1-2,5 mm ²		16-14 AWG

Voltage

Rated	800 V	600 V
Impulse withstand	8 kV	
Pollution degree	3	

Characteristics

Wire size

Screw	Rigid	IEC NFC	DIN	UL/CSA
	Flexible			
ADO	Rigid	4 mm ²		12 AWG
	Flexible	4 mm ²		12 AWG

Voltage

Rated	1000 V	
Impulse withstand		
Pollution degree	3	

For drilling patterns see page: assembly and accessories

Observations

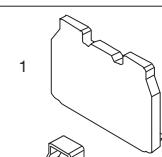
Terminal block body material is UL 94 V0.

DH 2,5/8.ADO block : for multiple wire connections, the two wires need to be of the **same gage and nature** (rigid or flexible).

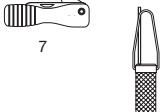
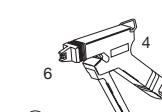
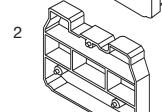
DH 4/8.ADO3 block : connection of only one rigid or flexible 4 mm² wire.

* Notches to identify 8 mm spacing.

Accessories



1 End section	gris
	orange
2 Separator	gris
	orange
3 Hand tool kit	
4 Semi automatic tool	
5 Pneumatic tool kit	
6 Replacement head kit	
7 Extraction tool kit	



Type

P/N

Type

P/N

FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000	FEAD2	V0	th. 2,5 mm	1SNA 199 423 R1000
FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100	FEAD2	V0	th. 2,5 mm	1SNA 199 424 R1100
FEAD6	V0	th. 5,0 mm	1SNA 199 435 R1400	FEAD6	V0	th. 5,0 mm	1SNA 199 435 R1400
FEAD6	V0	th. 5,0 mm	1SNA 199 436 R1500	FEAD6	V0	th. 5,0 mm	1SNA 199 436 R1500
OUMAD			1SNA 179 466 R0600	OUMAD			1SNA 179 466 R0600
OUPAD			1SNA 178 944 R0400	OUPAD			1SNA 178 944 R0400
OUTAD			1SNA 205 710 R1100	OUTAD			1SNA 205 710 R1100
OUTA			1SNA 205 284 R0300	OUTA			1SNA 205 284 R0300
EXAD2			1SNA 205 721 R0000	EXAD2			1SNA 205 721 R0000

1 S See section on markers marking method

On top RCAL85

On top RCAL85

Miniblocks Insulation Displacement

ADO - ADO

ground terminal blocks not electrically connected to the mounting plate

Base mount with snap in mounting foot

Other accessories of this terminal blocks:
see pages of same size standard blocks.

*Notches to identify 8 mm spacing.

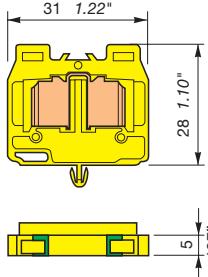
DH 1/5.PI.ADO

Spacing 5 mm +0,05 .198"

ADO wire size

0,22 - 1 mm²

24 - 18 AWG

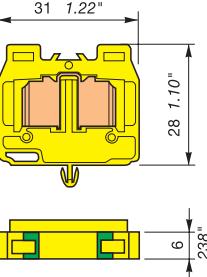
**DH 1,5/6.PI.ADO**

Spacing 6 mm +0,05 .238"

ADO wire size

0,34 - 1,5 mm²

22 - 16 AWG

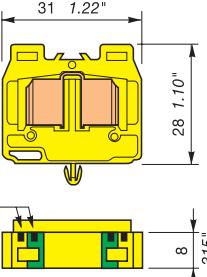
**DH 2,5/8.PI.ADO**

Spacing 8 mm +0,05 .315"

ADO wire size

1 - 2,5 mm²

16 - 14 AWG

**Type Part number**

Yellow body / Green marking

■ DH 1/5.PI.ADO 1SNA 399 508 R1600

Type Part number

Yellow body / Green marking

■ DH 1,5/6.PI.ADO 1SNA 299 532 R2100

Type Part number

Yellow body / Green marking

■ DH 2,5/8.PI.ADO 1SNA 299 536 R2500

C
2**Characteristics**

		IEC NFC	DIN	UL/CSA		IEC NFC	DIN	UL/CSA		IEC NFC	DIN	UL/CSA
Wire size	ADO	Rigid	0,2-1 mm ²	24-18 AWG		0,28-1,5 mm ²	22-16 AWG			1-2,5 mm ²	16-14 AWG	
		Flexible	0,22-1 mm ²	24-18 AWG		0,34-1,5 mm ²	22-16 AWG			1-2,5 mm ²	16-14 AWG	
Rated current short-circuit			120 A / 1 s.			180 A / 1 s.				300 A / 1 s.		
Rated wire size nominal / gauge			1 mm ²	18 AWG		1,5 mm ²	16 AWG			2,5 mm ²	14 AWG	

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			3 g	IP 20				5 g	IP 20				7 g	IP 20
			.11 oz	NEMA 1				.18 oz	NEMA 1				.25 oz	NEMA 1

Approvals

|--|--|--|--|--|--|--|--|--|--|--|--|--|

Accessories

	Type	Part number	Type	Part number	Type	Part number
1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100
R See section on markers	mode	RC55	RC65			RCAL85

Miniblocks Insulation Displacement

ADO - ADO

ground terminal blocks not electrically connected to the mounting plate

Base mount with snap in mounting foot

Other accessories of this terminal blocks:
see pages of same size standard blocks.

*Notches to identify 8 mm spacing.

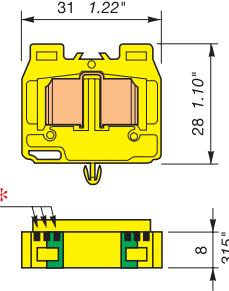
DH 4/8.PI.ADO3

Spacing 8 mm +0,05 .315"

ADO wire size

4 mm² / 12 AWG

1 wire only

**Type Part number**

Yellow body / Green marking

■ DH 4/8.PI.ADO3 1SNA 399 423 R2000

Type Part number**Type Part number****Characteristics**

		IEC NFC	DIN	UL/CSA		IEC NFC	DIN	UL	CSA		IEC NFC	DIN	UL	CSA
Wire size	ADO	Rigid	4 mm ²	12 AWG		4 mm ²	12 AWG				4 mm ²	12 AWG		
		Flexible	4 mm ²	12 AWG										
Rated current short-circuit			480 A / 1 s.											
Rated wire size nominal / gauge			4 mm ²	12 AWG										

Other characteristics

	Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection		Wire strip. length	Recomm. screwdriver	Weight	Protection
			7 g	IP 20										
			.25 oz	NEMA 1										

Approvals

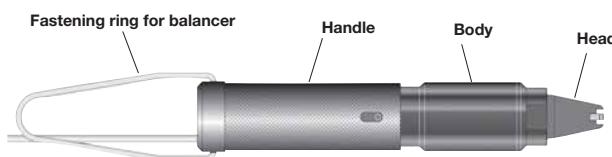
|--|--|--|--|

Accessories

	Type	Part number	Type	Part number	Type	Part number
1 End section	grey	FEAD2 V0 th. 2,5 mm 1SNA 199 423 R1000				
	orange	FEAD2 V0 th. 2,5 mm 1SNA 199 424 R1100				
R See section on markers	mode	RCAL85				

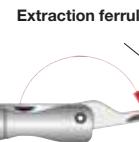
TOOLS PRESENTATION

PNEUMATIC TOOL KIT



OUTAD 1SNA 205 710 R1100

This kit includes extraction tool EXAD2.

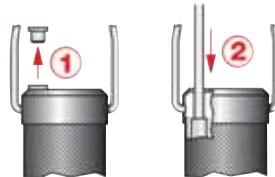


EXAD2 1SNA 205 721 R0000

Pneumatic tool installation

Technical information

- Energy : lubricated compressed air.
- Air pressure : 6 ± 0.5 bars.
- Lubrication BY F.R.L.
(Filter, Regulator, Lubricator)
(1 oil drop every 20 operations)
- Compressed-air supply : standard pipe DIA. 4 mm.
- Connection of the pipe to the tool by quick release coupling (integrated into the tool).
- Min. nb of operations : 1 000 000
- Dimensions : Lg : 215 mm x DIA. 37 mm.
- Weight : 575 g.



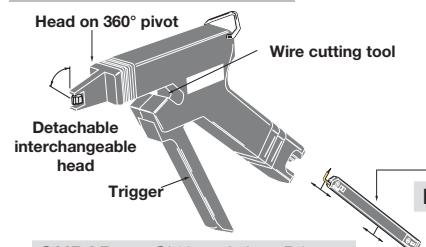
- ① Remove the protective plug from the compressed air inlet.
- ② Insert the clean cut pipe without special preparation into the dedicated hole and push in fully.
- ③ Hang the toll on a balancer.



For more information, contact your entrelec local agent.

Warranty of the tool : 1 year in standard use (except disassembling of the tool's body by customer).

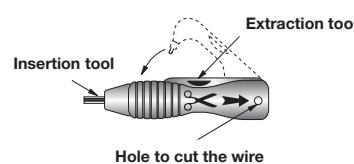
SEMI-AUTOMATIC TOOL



OUPAD 1SNA 178 944 R0400

Min. nb of operations : 100 000

SIMPLIFIED TOOL



OUMAD 1SNA 179 466 R0600

Min. nb of operations : 500

INSTRUCTION FOR USE

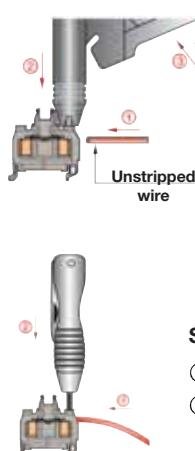
Allows connection of two wires of the same gage and type (rigid or flexible) one by one.

A - Connection of the first wire

Pneumatic tool :

- ① Introduce the wire.
- ② Apply the tool head to the upper opening without forcing its self-alignment device (the tool must be at right angle with the block).
- ③ Operate the handle directly in line with the tool to release a connect cycle.

Safety :
This tool must be operated only when positioned on the terminal block.



Semi-automatic tool :

- ① Introduce the wire.
- ② Apply the tool head to the upper opening without forcing its self-alignment device (the tool must be at right angle with the block).
- ③ Press the trigger all the way.
- ④ Release the trigger to disengage the tool.

Simplified tool :

- ① Introduce the wire.
- ② Place the tool into the upper opening, push the wire home.

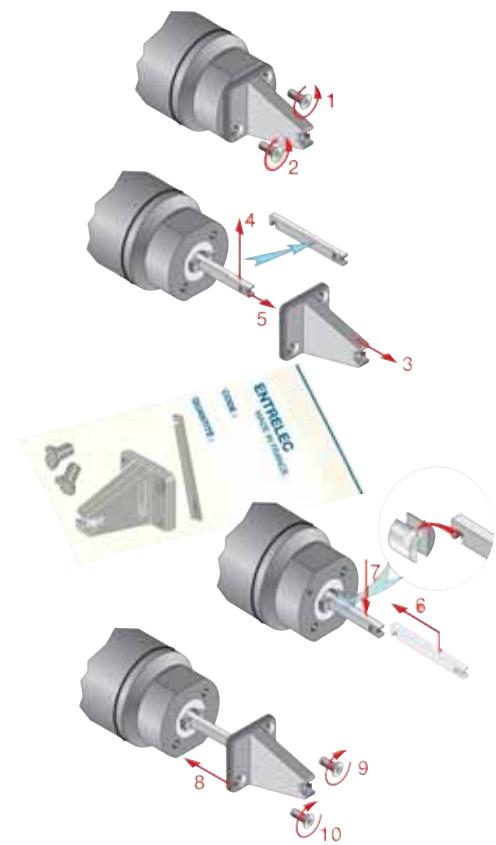
B - Connection of the second wire : same as for the first wire.

C - Extraction of wires

- ① Place the hook of the extractor under the wire into the slot of the terminal block.
- ② Slide the wires outside while securing firmly the block.
- ③ Remove the first wire. Repeat operations ① ② ③ above for a second wire.

NOTE : Wire must be cut clean before reconnecting it to the terminal block.

REPLACEMENT OF THE HEAD



Replacement head kit

OUTA 1SNA 205 284 R0300