

**Insulation displacement**  
**Heavy duty switch terminal blocks with blade**  
**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.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**

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.

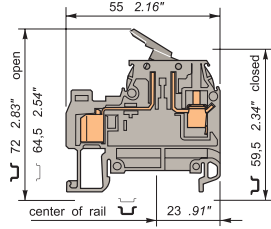
**Accessories**

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

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

Spacing 5 mm +0,05 .198"  
 ADO side  
 0,22 - 1 mm<sup>2</sup>  
 24-18 AWG

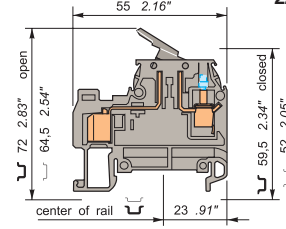
Screw side  
 0,2 - 2,5 mm<sup>2</sup>  
 22-12 AWG



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

Spacing 5 mm +0,05 .198"  
 ADO side  
 0,22 - 1 mm<sup>2</sup>  
 24-18 AWG

Screw side  
 0,2 - 2,5 mm<sup>2</sup>  
 22-12 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

Colour	Type	Part numbers
Grey	D 2,5/5.SNT2.ADO	1SNA 399 228 R1400
Orange	D 2,5/5.SNT2.ADO	1SNA 399 229 R1500

**Characteristics**

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

**Characteristics**

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

**Voltage**

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

**Voltage**

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

**Current**

Rated	10 A	
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**Current**

Rated	10 A	
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**Wire size**

Rated	1 mm <sup>2</sup>	12/18 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque
9,5 mm	3,5 mm	0,4-0,6 Nm
.37"	.137"	3,5-5,3 lb.in
		protection
		IP 20
		NEMA 1

**Wire size**

Rated	1 mm <sup>2</sup>	12/18 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque
9,5 mm	3,5 mm	0,4-0,6 Nm
.37"	.137"	3,5-5,3 lb.in
		protection
		IP 20
		NEMA 1

**Part numbers**

**Part numbers**

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

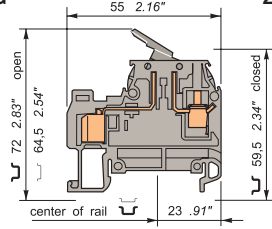
DIN 3



**D 4/6.SN.ADO**

Spacing 6 mm +0,05 .238"  
ADO side  
0,34 - 1,5 mm<sup>2</sup>  
22 - 16 AWG

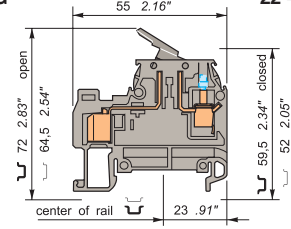
Screw side  
0,2 - 4 mm<sup>2</sup>  
22 - 10 AWG



**D 4/6.SNT2....ADO**

Spacing 6 mm +0,05 .238"  
ADO side  
0,34 - 1,5 mm<sup>2</sup>  
22 - 16 AWG

Screw side  
0,2 - 4 mm<sup>2</sup>  
22 - 10 AWG



Colour	Type	Part numbers
Grey	D 4/6.SN.ADO	1SNA 199 107 R2400
Orange	D 4/6.SN.ADO	1SNA 199 108 R0500

Colour	Type	Part numbers
With DIA. 2 mm screw test socket for test on screw side.		
Grey	D 4/6.SNT2.ADO	1SNA 199 235 R2300
Orange	D 4/6.SNT2.ADO	1SNA 199 236 R2400
With DIA. 2.3 mm screw test socket for test on screw side.		
Grey	D 4/6.SNT23.ADO	1SNA 199 229 R0500

**Characteristics**

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

**Characteristics**

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

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

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

Current			
Rated	10 A	10 A	10 A

Current			
NoRatedminale	10 A	10 A	10 A

Wire size			
Rated	1,5 mm <sup>2</sup>	10/16 AWG	10/16 AWG
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

Section			
Rated	1,5 mm <sup>2</sup>	10/16 AWG	10/16 AWG
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.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 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
	2 Test plug	
	3 Comb-type jumper bar	
	4 IDC jumper	
	5 Shield connector	
	6 Hand tool kit	
	7 Semi-automatic tool	
	8 Pneumatic tool kit	
	9 Replacement head kit	
	10 Extraction head kit	
	11 Screwless jumper bar to be inserted into ADO jaw orange IP20	
	12 Test connector	
	R See section on Marking method	

Type	Part numbers		
FEDAD4	th. 2 mm	1SNA 199 352 R0000	
FC2	DIA. 2 mm	1SNA 007 865 R2600	
PC61	35 A 10 poles	1SNA 163 311 R2200	
AD2,5	24 A	1SNA 114 205 R2000	
CBD1	th. 0,8 mm	1SNA 179 634 R0600	
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	
CEADOE		1SNA 399 341 R1500	
RC610	RC65		

Type	Part numbers		
FEDAD4	th. 2 mm	1SNA 199 352 R0000	
FC2	DIA. 2 mm	1SNA 007 865 R2600	
PC61	35 A 10 poles	1SNA 163 311 R2200	
AD2,5	24 A	1SNA 114 205 R2000	
CBD1	th. 0,8 mm	1SNA 179 634 R0600	
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	
CEADOE		1SNA 399 341 R1500	
RC610	RC65		

**Terminal blocks**  
**Insulation**  
**Displacement**  
**Heavy duty switch connection**  
**by blades**  
**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.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.

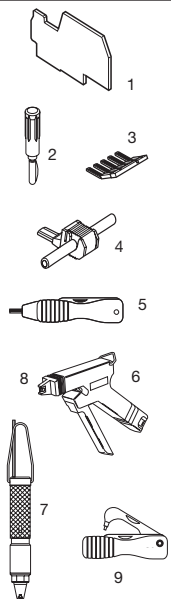
**Notes**

Standard bloc 8 mm. For multiple 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 for wire size 1 - 2,5 mm<sup>2</sup> (16 - 14 AWG)

**Accessories**



1	End section	grey
2	Test plug	
3	Comb-type jumper bar	
4	IDC jumper	
5	Hand tool kit	
6	Semi automatic tool	
7	Pneumatic tool kit	
8	Replacement head kit	
9	Extraction tool kit	

R

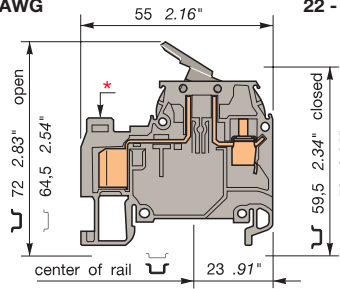


R See section on markers  
Marking method

**D 4/8.SN.ADO**

Spacing 8 mm +0,05 .315"  
 ADO side  
 1 - 2,5 mm<sup>2</sup>  
 16 - 14 AWG

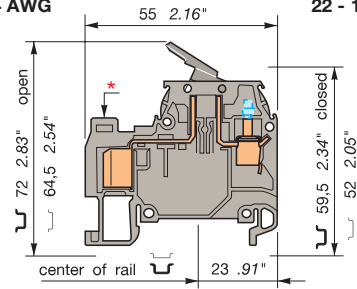
Screw side  
 0,2 - 4 mm<sup>2</sup>  
 22 - 12 AWG



**D 4/8.SNT2....ADO**

Spacing 8 mm +0,05 .315"  
 ADO side  
 1 - 2,5 mm<sup>2</sup>  
 16 - 14 AWG

Screw side  
 0,2 - 4 mm<sup>2</sup>  
 22 - 12 AWG



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

Colour	Type	Part numbers
Grey	D 4/8.SNT2.ADO	1SNA 199 139 R2300
Orange	D 4/8.SNT2.ADO	1SNA 199 140 R0000
Grey	D 4/8.SNT23.ADO	1SNA 199 141 R2500

**Characteristics**

Wire size		IEC	UL	CSA
		NFC DIN		
Screw	Rigid	0,2-6 mm <sup>2</sup>	22-10 AWG	22-10 AWG
	Flexible	0,22-4 mm <sup>2</sup>	22-10 AWG	22-10 AWG
ADO	Rigid	1-2,5 mm <sup>2</sup>	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm <sup>2</sup>	16-14AWG	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 <sup>2</sup>	10/14 AWG	10/14 AWG
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

**Characteristics**

Wire size		IEC	UL	CSA
		NFC DIN		
Screw	Rigid	0,2-6 mm <sup>2</sup>	22-10 AWG	22-10 AWG
	Flexible	0,22-4 mm <sup>2</sup>	22-10 AWG	22-10 AWG
ADO	Rigid	1-2,5 mm <sup>2</sup>	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm <sup>2</sup>	16-14 AWG	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

Section			
Rated	2,5 mm <sup>2</sup>	10/14 AWG	10/14 AWG
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

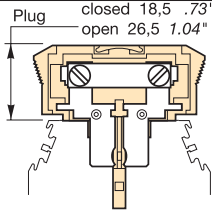
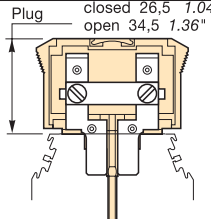


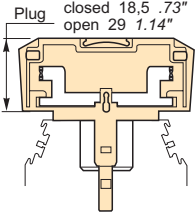
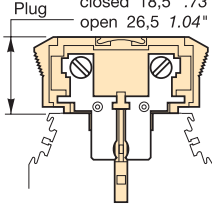
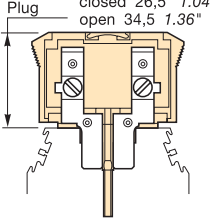
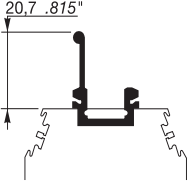
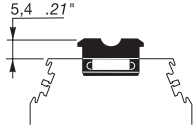


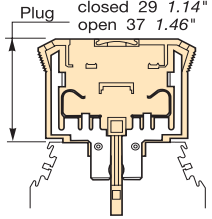
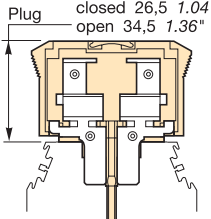
Type	Part numbers
FEDAD4	th. 2 mm 1SNA 199 352 R0000
FC2	DIA. 2 mm 1SNA 007 865 R2600
PC81	35 A 10 poles 1SNA 173 523 R1100
AD2,5	24 A 1SNA 114 205 R2000
OUMAD	1SNA 179 466 R0600
OUPAD	1SNA 178 944 R0400
OUTAD	1SNA 205 710 R1100
OUTA	1SNA 205 284 R0300
EXAD2	1SNA 205 721 R0000

Type	Part numbers
FEDAD4	th. 2 mm 1SNA 199 352 R0000
FC2	DIA. 2 mm 1SNA 007 865 R2600
PC81	35 A 10 poles 1SNA 173 523 R1100
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

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 closed 18,5 .73" open 26,5 1.04" <b>BNC62</b> 1SNA 196 853 R1400 without test	 Plug closed 26,5 1.04" open 34,5 1.36" <b>BNCT82</b> 1SNA 196 926 R0500 with test
		Soldered fuses  type <b>FUBS</b> - 0,5 to 5 A - 250 V Flat fuses  type <b>FUPLV</b> - 1 to 5 A - 250 V	 Plug closed 18,5 .73" open 29 1.14" <b>BNS.D5</b> 1SNA 295 381 R2600	 Plug closed 18,5 .73" open 26,5 1.04" <b>BNSV62</b> 1SNA 196 854 R1500	 Plug closed 26,5 1.04" open 34,5 1.36" <b>BNSV82</b> 1SNA 196 927 R0600	
Fuse protection function	Fuse holder plug	Automotive miniature fuses (2) type <b>FUAUTO</b> 2 A to 3 A - 32 V maxi		 20,7 .815" <b>BFSAUTO</b> 1SNA 299 877 R0300 V0 black	 5,4 .21" <b>BFAUTO</b> 1SNA 299 486 R2400 V0 black	
		Fuses 5 x 20  type <b>FU520</b> - 0,5 to 5 A - 250 V Fuses 5 x 25  type <b>FU525</b> - 1,6 to 6,3 A - 250 V			 Plug closed 29 1.14" open 37 1.46" <b>BNF652</b> 1SNA 196 998 R1600 <b>BNF652D (3)</b> 1SNA 196 999 R1700 <b>BNF652D1(4)</b> 1SNA 196 966 R1500 <b>BNF652L (5)</b> 1SNA 196 967 R1600	 Plug closed 26,5 1.04" open 34,5 1.36" <b>BNF52</b> 1SNA 196 924 R0300

## Types of fuses

### Soldered fuses

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

### Flat fuses

<b>FUPLV</b>	1 A	1SNA 008 096 R2000
<b>FUPLV</b>	2 A	1SNA 008 097 R2100
<b>FUPLV</b>	5 A	1SNA 008 098 R0200

### Fuses 5 x 20 mm

<b>FU520</b>	0,5 A	1SNA 008 288 R1500
<b>FU520</b>	1 A	1SNA 008 290 R1300
<b>FU520</b>	2 A	1SNA 008 291 R0000
<b>FU520</b>	3.15 A	1SNA 008 289 R1600
<b>FU520</b>	5 A	1SNA 008 292 R0100

### Automotive miniature fuses

<b>FUAUTO</b>	2 A	1SNA 179 879 R1400
<b>FUAUTO</b>	3 A	1SNA 179 880 R0200

### Fuses 5 x 25 mm

<b>FU525</b>	1.6 A	1SNA 167 546 R2200
<b>FU525</b>	2 A	1SNA 167 547 R2300
<b>FU525</b>	2.5 A	1SNA 167 548 R0400
<b>FU525</b>	4 A	1SNA 167 549 R0500
<b>FU525</b>	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



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.

**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 mm<sup>2</sup> (16 - 14 AWG)

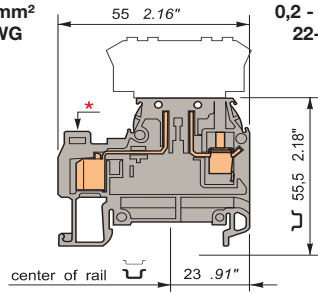
**Accessories**

	1	End section	grey orange
	2	Comb-type jumper bar	
	3	Insulating tip	
	4	IDC jumper	
	5	Fuse-holder plug	ivory
	6	Plug extractor	
	7	Soldered fuses	
	8	Short-circuit plug	
	9	Fuse-holder plug (for soldered fuses or flat fuses)	
	10	Fuse-holder plug (automotive)	
	11	Fuse-holder plug (for 5x20 or 5x25 fuses)	(2)
	12	BNF652 with LED 48V AC/DC	
	13	BNF652 with LED 24V AC/DC	
	14	BNF652 with neon lamp 110-230V AC/DC	
	15	Shield connector	
	16	Hand tool kit	
	17	Semi-automatic tool	
	18	Pneumatic tool kit	
	R	Replacement head kit	
		Extraction tool kit	
		Screwless jumper bar to be inserted into ADO jaw orange IP20	
		Test connector	
		See section on markers marking method	

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

Spacing 5 mm +0,05 .198"  
ADO side  
0,22 - 1 mm<sup>2</sup>  
24-18 AWG

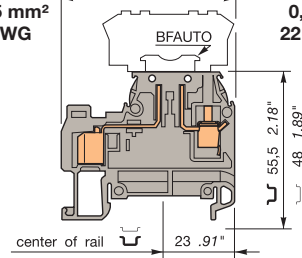
Screw side  
0,2 - 2,5 mm<sup>2</sup>  
22-12 AWG



**D 4/6.S.ADO**

Spacing 6 mm +0,05 .238"  
ADO side  
0,34 - 1,5 mm<sup>2</sup>  
22 - 16 AWG

Screw side  
0,2 - 4 mm<sup>2</sup>  
22 - 10 AWG



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

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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 <sup>2</sup>		22-12 AWG	
	Flexible	0,22-2,5 mm <sup>2</sup>		22-12 AWG	
ADO	Rigid	0,2-1 mm <sup>2</sup>		24-18 AWG	
	Flexible	0,22-1 mm <sup>2</sup>		24-18 AWG	

**Characteristics**

Wire size		IEC		UL		CSA	
		NFC	DIN				
Screw	Rigid	0,2-6 mm <sup>2</sup>		22-10 AWG		22-10 AWG	
	Flexible	0,22-4 mm <sup>2</sup>		22-10 AWG		22-10 AWG	
ADO	Rigid	0,34-1,5 mm <sup>2</sup>		22-16 AWG		22-16 AWG	
	Flexible	0,34-1,5 mm <sup>2</sup>		22-16 AWG		22-16 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	
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**Current**

Rated	10 A	10 A	15 A
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**Wire size**

Rated	1 mm <sup>2</sup>		
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
9,5 mm .37"	3,5 mm .137"	0,4-0,6 Nm 3,5-5,3 lb.in	IP 20 NEMA 1

**Wire size**

Rated	1,5 mm <sup>2</sup>		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**

Type	Part numbers
FEDAD4	th. 2 mm 1SNA 199 352 R0000
FEDAD4	th. 2 mm 1SNA 199 353 R0100
PC5	30 A 2 poles 1SNA 113 542 R1000
PC5	30 A 10 poles 1SNA 113 544 R1200
EIP	1SNA 113 550 R2400
BNS.D5	th. 5 mm 1SNA 295 381 R2600
EXBN2	1SNA 171 018 R2000
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

**Type**

Type	Part numbers
FEDAD4	th. 2 mm 1SNA 199 352 R0000
FEDAD4	th. 2 mm 1SNA 199 353 R0100
PC61	35 A 10 poles 1SNA 163 311 R2200
AD2,5	24 A 1SNA 114 205 R2000
EXBN2	1SNA 171 018 R2000
BNC62 (2)	th. 6 mm 1SNA 196 853 R1400
BNSV62 (2)	th. 6 mm 1SNA 196 854 R1500
BFAUTO	V0 black 1SNA 299 486 R2400
BNF652V0	V0 th. 6 mm 1SNA 196 998 R1600
BNF652 D (1) V0	th. 6 mm 1SNA 196 999 R1700
BNF652 D1 (1)V0	th. 6 mm 1SNA 196 966 R1500
BNF652 L (1) V0	th. 6 mm 1SNA 196 967 R1600
CBD1	th. 0,8 mm 1SNA 179 634 R0600
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
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
CEADOE	1SNA 399 341 R1500

CBD1	th. 0,8 mm 1SNA 179 634 R0600
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
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
CEADOE	1SNA 399 341 R1500

BNC62 (2)	th. 6 mm 1SNA 196 853 R1400
BNSV62 (2)	th. 6 mm 1SNA 196 854 R1500
BFAUTO	V0 black 1SNA 299 486 R2400
BNF652V0	V0 th. 6 mm 1SNA 196 998 R1600
BNF652 D (1) V0	th. 6 mm 1SNA 196 999 R1700
BNF652 D1 (1)V0	th. 6 mm 1SNA 196 966 R1500
BNF652 L (1) V0	th. 6 mm 1SNA 196 967 R1600
CBD1	th. 0,8 mm 1SNA 179 634 R0600
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
CEADOE	1SNA 399 341 R1500

RC55	RC510
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RC610	RC65
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- (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



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.

**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 mm<sup>2</sup> (16 - 14 AWG)

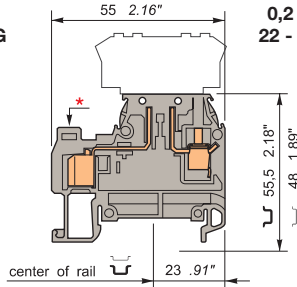
**Accessories**

	1	End section	grey orange
	2	Comb-type jumper bar	
	3	IDC jumper	
	4	Short-circuit plug	(1)
	5	Fuse holder plug (for soldered fuses or flat fuses)	(1)
	6	Fuse holder plug (for 5 x 20 or 5 x 25 fuses)	(1)
	7	Plug extractor	
	8	Hand tool kit	
	9	Semi-automatic tool	
	10	Pneumatic tool kit	
	11	Replacement head kit	
	12	Extraction head kit	

R See section on markers  
 Marking method

**D 4/8.S.ADO**

Spacing 8 mm +0,05 .315"  
 ADO side  
 1 - 2,5 mm<sup>2</sup>  
 16 - 14 AWG

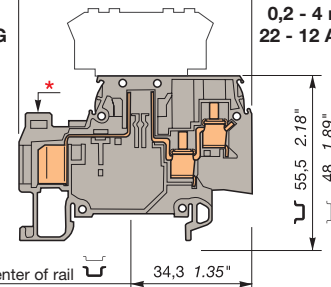


Screw side  
 0,2 - 4 mm<sup>2</sup>  
 22 - 10 AWG

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

**D 4/8.S.2A.ADO2**

Spacing 8 mm +0,05 .315"  
 ADO side  
 1 - 2,5 mm<sup>2</sup>  
 16 - 14 AWG



Screw side  
 0,2 - 4 mm<sup>2</sup>  
 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 <sup>2</sup>	22-10 AWG	22-10 AWG
	Flexible	0,22-4 mm <sup>2</sup>	22-10 AWG	22-10 AWG
ADO	Rigid	1-2,5 mm <sup>2</sup>	16-14 AWG	16-14 AWG
	Flexible	1-2,5 mm <sup>2</sup>	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 mm <sup>2</sup>	10/16 AWG	10/16 AWG
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

**Characteristics**

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

Voltage	
Rated	500 V (2)
Impulse withstand	6 kV
Pollution degree	3

Current	
Rated	10 A

Wire size			
Rated	2,5 mm <sup>2</sup>	14 AWG	14 AWG
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

Type	Part numbers		
FEDAD4	th. 2 mm	1SNA 199 352 R0000	
PC61	35 A 10 poles	1SNA 163 311 R2200	
AD2,5	24 A	1SNA 114 205 R2000	
BNCT82	th. 8 mm	1SNA 196 926 R0500	
BNSV82	th. 8 mm	1SNA 196 927 R0600	
BNF52	th. 8 mm	1SNA 196 924 R0300	
EXBN2		1SNA 171 018 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	

Type	Part numbers		
FEDAD11	th. 3 mm	1SNA 399 937 R2300	
FEDAD11	th. 3 mm	1SNA 399 939 R0500	
PC81		1SNA 173 523 R1100	
AD2,5	24 A	1SNA 114 205 R2000	
BNCT82	th. 8 mm	1SNA 196 926 R0500	
BNSV82	th. 8 mm	1SNA 196 927 R0600	
BNF52	th. 8 mm	1SNA 196 924 R0300	
EXBN2		1SNA 171 018 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	

RCAL85 RC810

(1) See selection guide for dimensions of plugs and type of fuses to use.  
 (2) Terminal block insulating voltage, working voltage according to fuse.

RC810