

Insulation displacement

Heavy duty switch terminal blocks with blade

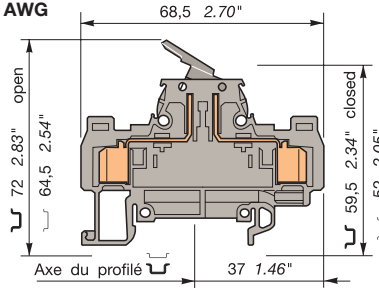
ADO - ADO

↳ 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			

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

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.

Voltage			Voltage		
Rated	320 V	300 V	Rated		
Impulse withstand	4 kV		Impulse withstand		
Pollution degree	3		Pollution degree		
Current			Current		
Rated	10 A		Rated		
Wire size			Wire size		
Rated	1 mm ²	18 AWG	Rated		
Wire stripping length (screw)	Recommended screwdriver	Recommended torque	Wire stripping length (screw)	Recommended screwdriver	Recommended torque

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 tool kit	
	9 Screwless jumper bar to be inserted into ADO jaw orange IP20	
	10 Test connector	
	R See section on markers marking method	

Type	Part numbers			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 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				
RC55	RC510						

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

Heavy duty switch terminal blocks with blade insulation displacement



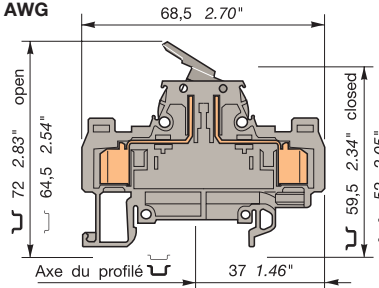
ADO - ADO

DIN 3



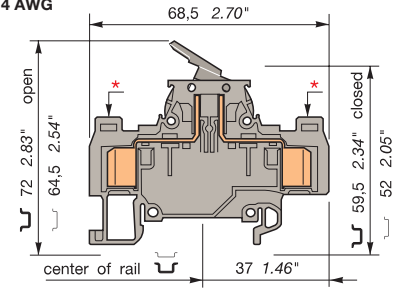
D 1,5/6.SNT2...ADO

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
With DIA. 2 mm test on two sides.		
Grey	D 1,5/6.SNT2.ADO	1SNA 199 144 R2000
Bleu	D 1,5/6.SNT2.ADO	1SNA 199 591 R1100
Orange	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

Colour	Type	Part numbers
With DIA. 2 mm test on two sides.		
Grey	D 2,5/8.SNT2.ADO	1SNA 199 231 R2700
Orange	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

Wire size	IEC		UL	CSA
	NFC	DIN		
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

Characteristics

Wire size	IEC		UL	CSA
	NFC	DIN		
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

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 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)

Voltage			
Rated	500 V	600 V	600 V
Impulse withstand	6 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 length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20 NEMA 1

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 ²	16 AWG	16 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20 NEMA 1

Accessories

1	End section	grey orange blue
2	Test plug	
3	Shielding connector	
4	Hand tool kit	
5	Semi automatique 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	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 (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
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	

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

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

Heavy duty switch terminal blocks with blade insulation displacement ADO - ADO

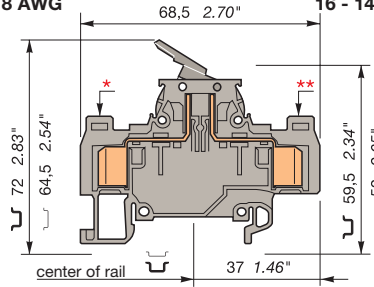
DIN 3



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



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Colour	Type	Part numbers	Colour	Type	Part numbers
Grey	<input type="checkbox"/>	D 2,5/8.SNT2.ADO0.ADO2			1SNA 399 754 R1300

Characteristics

Wire size	IEC			UL	CSA
	NFC	DIN			
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	

Characteristics

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

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.

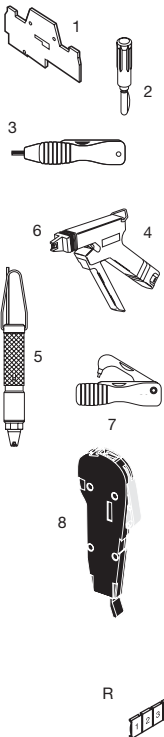
Notes

Standard 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.

Voltage			
Rated	500 V	600 V	600 V
Impulse withstand	6 kV		
Pollution degree	3		
Current			
Rated	10 A	10 A	10 A
Wire size			
Rated	1 mm ²	14 AWG	14 AWG
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection
			IP 20 NEMA 1

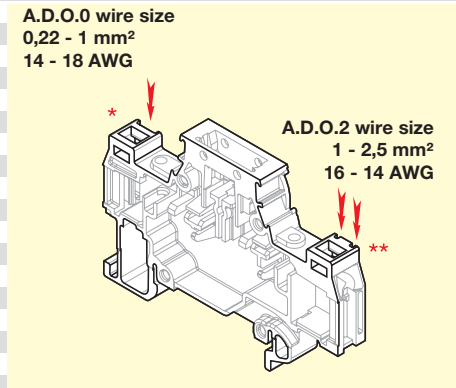
Voltage			
Rated			
Impulse withstand			
Pollution degree			
Current			
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Section			
Rated			
Wire stripping length (screw)	Recommended screwdriver	Recommended torque (screw)	Protection

Accessories



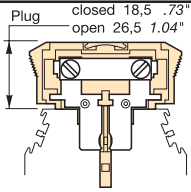
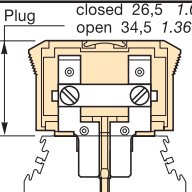


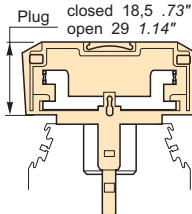
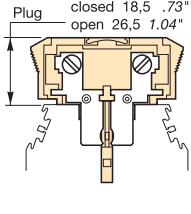
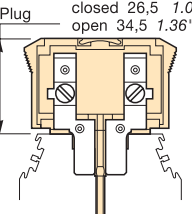
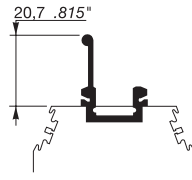
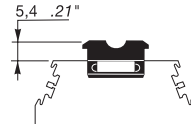


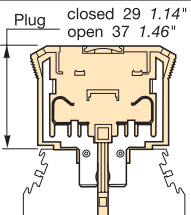
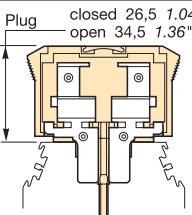
Type	Part numbers
1 End section grey	FEDAD5 th. 2 mm 1SNA 199 354 R0200
1 End section orange	FEDAD5 th. 2 mm 1SNA 199 355 R0300
1 End section blue	FEDAD5 th. 2 mm 1SNA 199 590 R2400
2 Test plug	FC2 V2 (1) DIA. 2 mm 1SNA 007 865 R2600
3 Hand tool kit	OUMAD 1SNA 179 466 R0600
4 Semi automatic tool	OUPAD 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 CEADOE 1SNA 399 341 R1500
R See section on markers	RCAL85 RC810
Marking method	

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
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
CEADOE	1SNA 399 341 R1500



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

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.

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.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

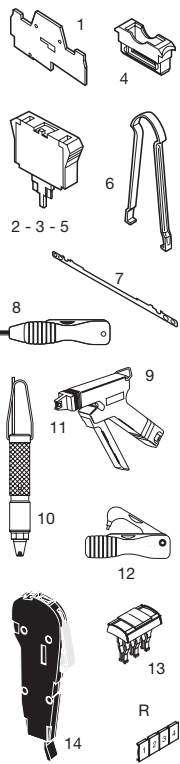
Other end stops, rails and accessories : see section on accessories.

Notes

Standard block 6 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)

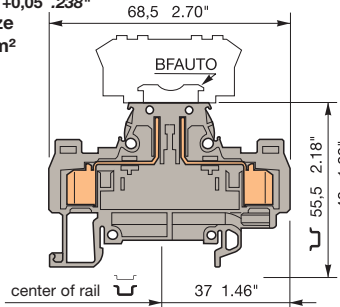
Accessories



- 1 End section grey
 - 2 Short-circuit plug (2)
 - 3 Fuse-holder plug (for soldered fuse or flat fuse) (2)
 - 4 Fuse-holder plug (automotive) (2)
 - 5 Fuse-holder plug (for fuses 5 x 20 or 5 x 25) (2)
 - 6 BNF652 whith LED 24 V AC/DC
 - 7 BNF652 with LED 48 V AC/DC
 - 8 BNF652 with neon lighting 110-230VAC/DC
 - 6 Plug extractor
 - 7 Shielding connector
 - 8 Hand tool kit
 - 9 Semi automatic tool
 - 10 Pneumatic tool
 - 11 Replacement head kit
 - 12 Extraction head kit
 - 13 Screwless jumper bar to be inserted into ADO jaw orange IP20
 - 14 Test connector
- R See section on markers Marking method

D 1,5/6.S.ADO

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



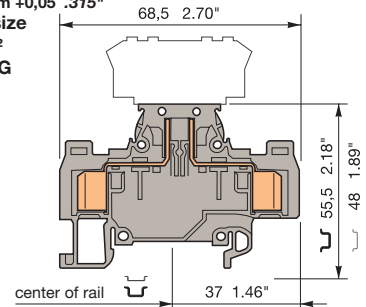
Switch connection block 6 mm by polarized plug, delivered separately.



Colour	Type	Part number
Grey	D 1,5/6.S.ADO	1SNA 199 142 R2600

D 2,5/8.S.ADO

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



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



Colour	Type	Part number
Grey	D 2,5/8.S.ADO	1SNA 199 164 R2400
Orange	D 2,5/8.S.ADO	1SNA 199 163 R2300

Characteristics

Wire size	IEC			UL	CSA
	NFC	DIN			
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	

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

Current			
Rated	10 A	8 A	10 A

Wire size			
Rated	1,5 mm ²	16 AWG	16 AWG
Wire strip. length		10 g	IP 20
		.35 oz	NEMA 1

Characteristics

Wire size	IEC			UL	CSA
	NFC	DIN			
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 (3)	600 V	600 V
Impulse withstand	6 kV		
Pollution degree	3		

Current			
Rated	15 A	15 A	15 A

Section			
Rated	2,5 mm ²	14 AWG	14 AWG
Wire strip. length		13 g	IP 20
		.46 oz	NEMA 1

Type

Type	Part numbers
FEDAD5 th. 2 mm	1SNA 199 354 R0200
BNC62 th. 6 mm	1SNA 196 853 R1400
BNSV62 th. 6 mm	1SNA 196 854 R1500
BFAUTO V0 black	1SNA 299 486 R2400
BNF652V0 V0 th. 6 mm	1SNA 196 998 R1600
BNF652D(1) V0 th. 6 mm	1SNA 196 999 R1700
BNF652D1(1) V0 th. 6 mm	1SNA 196 966 R1500
BNF652L(1) V0 th. 6 mm	1SNA 196 967 R1600
EXBN2	1SNA 171 018 R2000
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
CEADOE	1SNA 399 341 R1500

Type

Type	Part numbers
FEDAD5 th. 2 mm	1SNA 199 354 R0200
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
RC610 RC65	

Type	Part numbers
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.