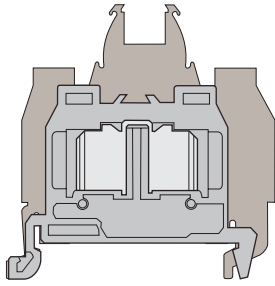




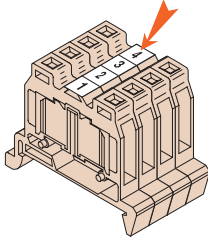
# Miniblocks Insulation displacement (ADO)

↳ DIN 3    ↳ DIN 2    Base mount (snap-in or brackets)

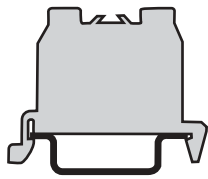


A reduced size range

A very legible marking

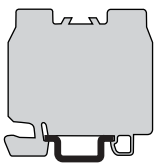


Mounting on DIN 3 rail



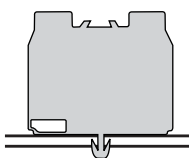
DS=DIN3

Mounting on DIN 2 rail

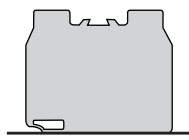


DR=DIN2

Panel mounting



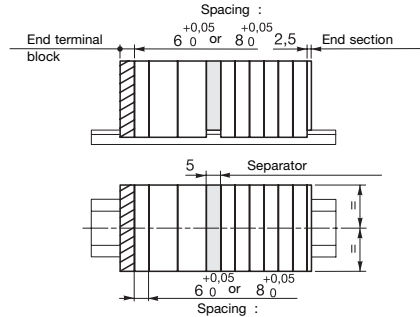
DH= snap-in



DB= flanges

## Miniblock mounting and accessories

### Rail mounting DIN 2 and DIN 3 DIN 2 : DR...ADO - DIN 3 : DS...ADO



At the end of the terminal block 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 block 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 block assembly :

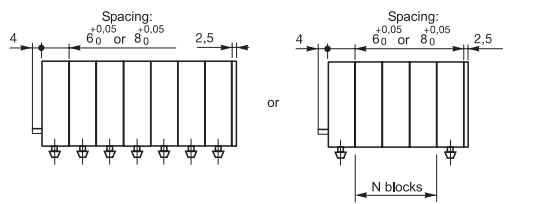
- Separator : (same accessory for any type of terminal terminal block assembly)

FEAD5 : V/ADO  
FEAD6 : ADO/ADO

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

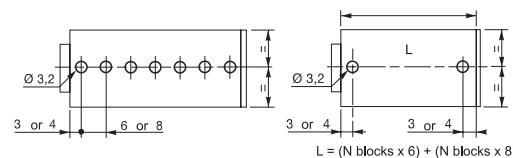
## Base mounting

### Snap on : DH...ADO



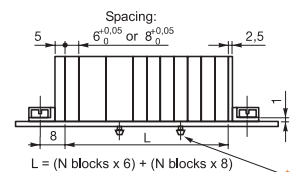
Drilling  
(plate thickness 0.6 mm to 1.2 mm)

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



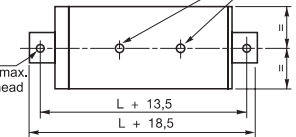
L = (N blocks x 6) + (N blocks x 8)

### With flanges : DB...ADO



Drilling  
(plate thickness 0.6 to 1.2 mm)

2 holes  $\varnothing 3.2$   
for 3 mm screw max.  
with cylindrical head  
(not provided)



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

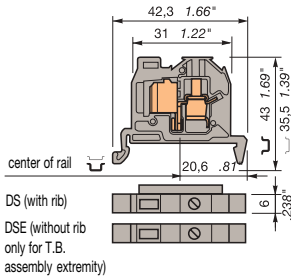
# Miniblocks Insulation displacement

ADO - Screw clamp  DIN 3

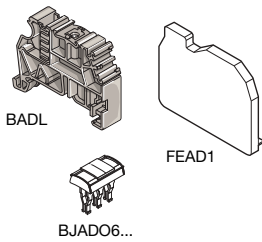
## DS 4/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing

Characteristics		IEC NFC DIN	UL/CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid	0.2 - 4 mm <sup>2</sup>
		Stranded	0.22 - 4 mm <sup>2</sup>
	ADO	Solid	0.28 - 1.5 mm <sup>2</sup>
		Stranded	0.34 - 1.5 mm <sup>2</sup>
Voltage	V	800 V	600 V
Pulse	kV		
Current	A	17.5 A	20 A
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16-10 AWG
Wire stripping length	mm / inches	9.5 mm / .374"	
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in	

2 wires of the same gage and nature  
per ADO connection



DS 4/6.ADO



### Selection

Description	Type	Order P/N	Packaging Weight kg	
DIN 3 miniblocks	grey <input type="checkbox"/>	DS 4/6.ADO	1SNA 299 489 R0700	100
	blue <input type="checkbox"/>	DS 4/6.N.ADO	1SNA 299 491 R2100	100
	orange <input type="checkbox"/>	DS 4/6.ADO	1SNA 299 490 R0400	100
	grey <input type="checkbox"/>	DSE 4/6.ADO	1SNA 299 556 R0100	20

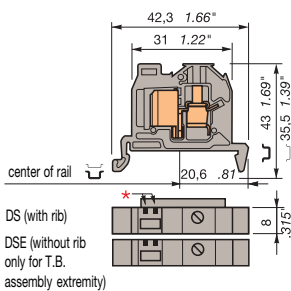
### Accessories

End stop V0		BADL	9 mm	1SNA 399 903 R0200	50
End section V0	grey <input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 421 R1600	20
	orange <input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 422 R1700	20
Screwless jumper bar IP 20	orange <input type="checkbox"/>	BJADO6.2	17.5 A	1SNA 205 974 R0600	20
	2 poles	BJADO6.3	17.5 A	1SNA 205 975 R0700	20
	3 poles	BJADO6.4	17.5 A	1SNA 205 976 R0000	20
	4 poles	BJADO6.5	17.5 A	1SNA 205 977 R0100	20
	5 poles	BJADO6.10	17.5 A	1SNA 205 982 R2700	10

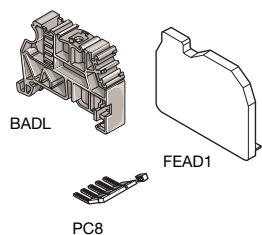
## DS 4/8.ADO - 2.5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing

Characteristics		IEC NFC DIN	UL/CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid	0.2 - 4 mm <sup>2</sup>
		Stranded	0.22 - 4 mm <sup>2</sup>
	ADO	Solid	1 - 2.5 mm <sup>2</sup>
		Stranded	1 - 2.5 mm <sup>2</sup>
Voltage	V	1000 V	600 V
Pulse	kV		
Current	A	24 A	25 A
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14-10 AWG
Wire stripping length	mm / inches	9.5 mm / .374"	
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in	

2 wires of the same gage and nature  
per ADO connection



DS 4/8.ADO



### Selection

Description	Type	Order P/N	Packaging Weight kg	
DIN 3 miniblocks	grey <input type="checkbox"/>	DS 4/8.ADO	1SNA 299 493 R2300	100
	blue <input type="checkbox"/>	DS 4/8.N.ADO	1SNA 299 495 R2500	100
	orange <input type="checkbox"/>	DS 4/8.ADO	1SNA 299 494 R2400	100
	grey <input type="checkbox"/>	DSE 4/8.ADO	1SNA 299 557 R0200	20

\* Notches to identify 8 mm spacing

### Accessories

End stop V0		BADL	9 mm	1SNA 399 903 R0200	50
End section V0	grey <input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 421 R1600	20
	orange <input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 422 R1700	20
Comb-type jumper bar	2 poles	PC8	50 A	1SNA 116 538 R1700	10
	3 poles	PC8	50 A	1SNA 116 539 R1000	10
	4 poles	PC8	50 A	1SNA 116 540 R2500	10
	5 poles	PC8	50 A	1SNA 163 313 R2400	10
	10 poles	PC8	50 A		

# Miniblocks Insulation displacement

## ADO - Screw clamp ~ DIN 2

### DR 4/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing

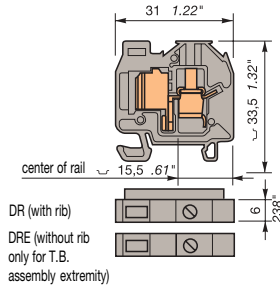
#### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	IEC NFC DIN		UL/CSA
		Solid	0.2 - 4 mm <sup>2</sup>	22-10 AWG
Stranded	0.22 - 4 mm <sup>2</sup>			
	ADO	Solid	0.28 - 1.5 mm <sup>2</sup>	22-16 AWG
		Stranded	0.34 - 1.5 mm <sup>2</sup>	
Voltage	V	800 V	600 V	
Pulse	kV	8 kV		
Current	A	17.5 A	20 A	
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG	
Wire stripping length	mm / inches	9.5 mm / .374"		
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in		

**2 wires of the same gage and nature per ADO connection**

#### Selection

Description	Type	Order P/N	Packaging Weight kg	
DIN 2 miniblocks	grey <input type="checkbox"/>	DR 4/6.ADO	1SNA 199 275 R0300	100
	blue <input type="checkbox"/>	DR 4/6.N.ADO	1SNA 199 277 R0500	100
	orange <input type="checkbox"/>	DR 4/6.ADO	1SNA 199 276 R0400	100
	grey <input type="checkbox"/>	DRE 4/6.ADO	1SNA 299 552 R0500	20



**DR 4/6.ADO**

### DR 4/8...ADO - 2.5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing

#### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	IEC NFC DIN		UL/CSA
		Solid	0.2 - 4 mm <sup>2</sup>	22-10 AWG
Stranded	0.22 - 4 mm <sup>2</sup>			
	ADO	Solid	1 - 2.5 mm <sup>2</sup>	16-14 AWG
		Stranded	1 - 2.5 mm <sup>2</sup>	
Voltage	V	1000 V(1)	600 V(1)	
Pulse	kV	8 kV(1)		
Current	A	24 A(1)	25 A(1)	
Short-circuit current	A / s	300 A / 1 s(2)		
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG	
Wire stripping length	mm / inches	9.5 mm / .374"		
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in		

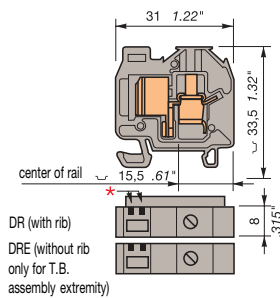
**2 wires of the same gage and nature per ADO connection**

(1) Except for DR 4/8.P.ADO  
(2) Only for DR 4/8.P.ADO

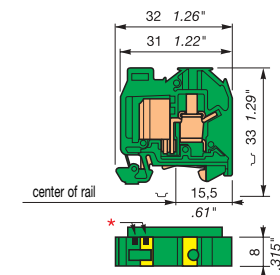
#### Selection

Description	Type	Order P/N	Packaging Weight kg	
DIN 2 miniblocks	grey <input type="checkbox"/>	DR 4/8.ADO	1SNA 199 279 R1700	100
	blue <input type="checkbox"/>	DR 4/8.N.ADO	1SNA 199 281 R2200	100
	orange <input type="checkbox"/>	DR 4/8.ADO	1SNA 199 280 R0500	100
	grey <input type="checkbox"/>	DRE 4/8.ADO	1SNA 299 553 R0600	20
DIN 2 miniblock for ground wire connected to the mounting rail green body / yellow marking	<input type="checkbox"/>	DR 4/8.P.ADO	1SNA 299 632 R0500	100

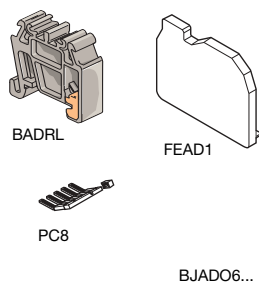
\* Notches to identify 8 mm spacing



**DR 4/8.ADO**



**DR 4/8.P.ADO**



#### Accessories

End stop		BADRL	6,5 mm	1SNA 199 420 R2100	50
End section	grey V0 <input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 421 R1600	20
	orange V0 <input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 422 R1700	20
Screwless jumper bar IP 20 (2)	orange <input type="checkbox"/>	BJADO6.2	17.5 A	1SNA 205 974 R0600	20
	2 poles		17.5 A	1SNA 205 975 R0700	20
	3 poles		17.5 A	1SNA 205 976 R0000	20
	4 poles		17.5 A	1SNA 205 977 R0100	20
	5 poles		17.5 A	1SNA 205 982 R2700	10
	10 poles		17.5 A		
Comb-type jumper bar (1) (3)	2 poles	PC8	50 A	1SNA 116 538 R1700	10
	3 poles	PC8	50 A	1SNA 116 539 R1000	10
	4 poles	PC8	50 A	1SNA 116 540 R2500	10
	5 poles	PC8	50 A	1SNA 163 313 R2400	10
	10 poles	PC8	50 A		

(1) Except for DR 4/8.P.ADO

(2) Except for DR 4/8...ADO

(3) Except for DR 4/6...ADO



# Miniblocks ADO - Screw clamp

## Base mount with snap-in mounting foot

### DH 4/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing

Characteristics		IEC NFC DIN		UL/CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid	0.2 - 4 mm <sup>2</sup>	22-10 AWG
		Stranded	0.22 - 4 mm <sup>2</sup>	
	ADO	Solid	0.28 - 1.5 mm <sup>2</sup>	22-16 AWG
		Stranded	0.34 - 1.5 mm <sup>2</sup>	
Voltage	V	800 V	600 V	
Pulse	kV	8 kV		
Current	A	17.5 A	20 A	
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG	
Wire stripping length	mm / inches	9.5 mm / .374"		
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in		

**2 wires of the same gage and nature per ADO connection**

#### Selection

Description	Type	Order P/N	Packaging	Weight kg
Base mount miniblocks grey	<input type="checkbox"/>	DH 4/6.ADO	1SNA 299 521 R2600	100
with snap-in mounting blue	<input type="checkbox"/>	DH 4/6.N.ADO	1SNA 299 523 R2000	100
foot orange	<input type="checkbox"/>	DH 4/6.ADO	1SNA 299 522 R2700	100

#### Accessories

End section	grey V0	<input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 421 R1600	20
	orange V0	<input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 422 R1700	20
Screwless jumper bar IP 20	orange	<input type="checkbox"/>				
	2 poles		BJADO6.2	17.5 A	1SNA 205 974 R0600	20
	3 poles		BJADO6.3	17.5 A	1SNA 205 975 R0700	20
	4 poles		BJADO6.4	17.5 A	1SNA 205 976 R0000	20
	5 poles		BJADO6.5	17.5 A	1SNA 205 977 R0100	20
10 poles		BJADO6.10	17.5 A	1SNA 205 982 R2700	10	

### DH 4/8.ADO - 2.5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing

Characteristics		IEC NFC DIN		UL/CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid	0.2 - 4 mm <sup>2</sup>	22-10 AWG
		Stranded	0.22 - 4 mm <sup>2</sup>	
	ADO	Solid	1 - 2.5 mm <sup>2</sup>	16-14 AWG
		Stranded	1 - 2.5 mm <sup>2</sup>	
Voltage	V	800 V	600 V	
Pulse	kV	8 kV		
Current	A	24 A	25 A	
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG	
Wire stripping length	mm / inches	9.5 mm / .374"		
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in		

**2 wires of the same gage and nature per ADO connection**

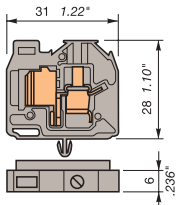
#### Selection

Description	Type	Order P/N	Packaging	Weight kg
Base mount miniblocks grey	<input type="checkbox"/>	DH 4/8.ADO	1SNA 299 525 R2200	100
with snap-in mounting blue	<input type="checkbox"/>	DH 4/8.N.ADO	1SNA 299 527 R2400	100
foot orange	<input type="checkbox"/>	DH 4/8.ADO	1SNA 299 526 R2300	100

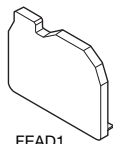
\* Notches to identify 8 mm spacing

#### Accessories

End section V0	grey	<input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 421 R1600	20
	orange	<input type="checkbox"/>	FEAD1	2.5 mm	1SNA 199 422 R1700	20
Comb-type jumper bar	2 poles		PC8	50 A	1SNA 116 538 R1700	10
	3 poles		PC8	50 A	1SNA 116 539 R1000	10
	4 poles		PC8	50 A	1SNA 116 540 R2500	10
	10 poles		PC8	50 A	1SNA 163 313 R2400	10



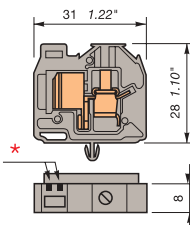
DH 4/6.ADO



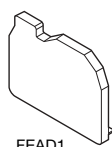
FEAD1



BJADO6...



DH 4/8.ADO



FEAD1

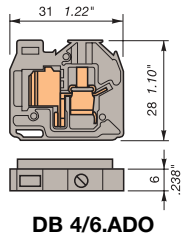


PC8

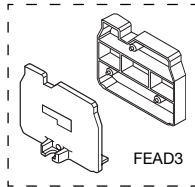


# Miniblocks ADO - Screw clamp Base mount with flanges

## DB 4/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing



DB 4/6.ADO



BJADO6...

Characteristics		IEC NFC DIN	UL/CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid	0.2 - 4 mm <sup>2</sup>
		Stranded	0.22 - 4 mm <sup>2</sup>
	ADO	Solid	0.28 - 1.5 mm <sup>2</sup>
		Stranded	0.34 - 1.5 mm <sup>2</sup>
Voltage	V	800 V	600 V
Pulse	kV	8 kV	
Current	A	17.5 A	20 A
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG
Wire stripping length	mm / inches	9.5 mm / .374"	
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in	

2 wires of the same gage and nature per ADO connection

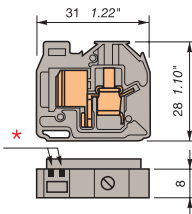
### Selection

Description	Type	Order P/N	Packaging Weight kg
Base mount miniblocks with flanges	grey <input type="checkbox"/>	DB 4/6.ADO	1SNA 299 505 R0700
	blue <input type="checkbox"/>	DB 4/6.N.ADO	1SNA 299 507 R0100
	orange <input type="checkbox"/>	DB 4/6.ADO	1SNA 299 506 R0000
			100
			100
			100

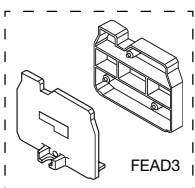
### Accessories

End section flanges (right + left)	grey V0 <input type="checkbox"/>	FEAD3	1SNA 199 437 R1600	20
	orange V0 <input type="checkbox"/>	FEAD3	1SNA 199 438 R2700	20
Screwless jumper bar IP 20	orange <input type="checkbox"/>			
	2 poles	BJADO6.2 17.5 A	1SNA 205 974 R0600	20
	3 poles	BJADO6.3 17.5 A	1SNA 205 975 R0700	20
	4 poles	BJADO6.4 17.5 A	1SNA 205 976 R0000	20
	5 poles	BJADO6.5 17.5 A	1SNA 205 977 R0100	20
	10 poles	BJADO6.10 17.5 A	1SNA 205 982 R2700	10

## DB 4/8.ADO - 2.5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing



DB 4/8.ADO



PC8

Characteristics		IEC NFC DIN	UL/CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid	0.2 - 4 mm <sup>2</sup>
		Stranded	0.22 - 4 mm <sup>2</sup>
	ADO	Solid	1 - 2.5 mm <sup>2</sup>
		Stranded	1 - 2.5 mm <sup>2</sup>
Voltage	V	800 V	600 V
Pulse	kV	8 kV	
Current	A	24 A	25 A
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG
Wire stripping length	mm / inches	9.5 mm / .374"	
Recommended torque (screw)	Nm / lb.in	0.5-0.8 Nm / 4.4-7.1 lb.in	

2 wires of the same gage and nature per ADO connection

### Selection

Description	Type	Order P/N	Packaging Weight kg
Base mount miniblocks with flanges	grey <input type="checkbox"/>	DB 4/8.ADO	1SNA 299 509 R1300
	blue <input type="checkbox"/>	DB 4/8.N.ADO	1SNA 299 511 R2400
	orange <input type="checkbox"/>	DB 4/8.ADO	1SNA 299 510 R0700
			100
			100
			100

\* Notches to identify 8 mm spacing

### Accessories

End section flanges (right + left)	grey V0 <input type="checkbox"/>	FEAD3	1SNA 199 437 R1600	20
	orange V0 <input type="checkbox"/>	FEAD3	1SNA 199 438 R2700	20
Comb-type jumper bar	2 poles	PC8 50 A	1SNA 116 538 R1700	10
	3 poles	PC8 50 A	1SNA 116 539 R1000	10
	4 poles	PC8 50 A	1SNA 116 540 R2500	10
	10 poles	PC8 50 A	1SNA 116 540 R2500	10
			1SNA 163 313 R2400	10



# Feed through and ground terminal blocks Insulation displacement

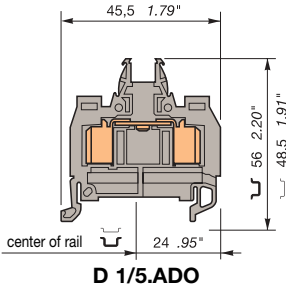
ADO - ADO ⌋ DIN 3

## D 1/5.ADO - 1 mm<sup>2</sup> blocks - 5 mm .198" spacing

### Characteristics

		IEC		UL	CSA
		NFC	DIN		
Wire size mm <sup>2</sup> / AWG	Screw	Solid			
		Stranded			
	ADO	Solid	0.2 - 1	24-18 AWG	24-18 AWG
		Stranded	0.22 - 1		
Voltage	V	1000	600	600	
Current	A	13.5	7	7	
Short circuit current (D 1/5.PI.ADO)	A / s	120 A/1s			
Rated wire size	mm <sup>2</sup> / AWG	1 mm <sup>2</sup>	18 AWG	18 AWG	

**2 wires of the same gage and nature per ADO connection**



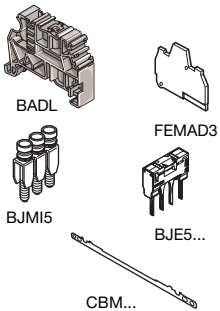
**D 1/5.ADO**

### Selection

Description	Type	Order P/N	Packaging	Weight kg
Standard block grey	□ D 1/5.ADO	1SNA 199 563 R2400	50	
Standard block orange	■ D 1/5.ADO	1SNA 199 564 R2500	50	
Standard block blue	■ D 1/5.N.ADO	1SNA 199 565 R2600	50	
Standard block black	■ D 1/5.ADO	1SNA 199 566 R2700	50	
Standard block red	■ D 1/5.ADO	1SNA 199 567 R2000	50	
Standard block yellow	■ D 1/5.ADO	1SNA 199 569 R0200	50	
Ground block yellow body/ green marking (without rail contact)	■ D 1/5.PI.ADO	1SNA 399 184 R2100	50	

### Accessories

End stop	BADL	9 mm	1SNA 399 903 R0200	50	
End section	grey □	FEMAD3	3 mm	1SNA 199 341 R0500	20
	yellow ■	FEMAD3	3 mm	1SNA 199 343 R0700	20
Assembled jumper bar (with IP20 protection)	2 poles	BJMI5	24 A	1SNA 176 278 R1600	10
	3 poles	BJMI5	24 A	1SNA 176 279 R1700	10
	4 poles	BJMI5	24 A	1SNA 176 280 R0500	10
	5 poles	BJMI5	24 A	1SNA 176 281 R2200	10
	10 poles	BJMI5	24 A	1SNA 176 282 R2300	10
Screwless jumper bar IP20	2 poles	BJE5.2	20 A	1SNA 199 227 R2300	100
	3 poles	BJE5.3	20 A	1SNA 199 228 R0400	70
	4 poles	BJE5.4	20 A	1SNA 199 298 R0300	50
	5 poles	BJE5.5	20 A	1SNA 199 299 R0400	40
	10 poles	BJE5.10	20 A	1SNA 199 443 R2400	20
Shield connector	CBM5	0.5 mm	1SNA 178 745 R1400	50	
	CBM8	0.8 mm	1SNA 178 746 R1500	50	

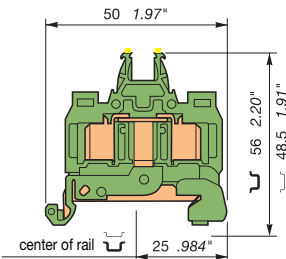


## D 1/5.P.ADO - 1 mm<sup>2</sup> ground block with rail contact - 5 mm .198" spacing

### Characteristics

		IEC		UL	CSA
		NFC	DIN		
Wire size mm <sup>2</sup> / AWG	Screw	Solid			
		Stranded			
	ADO	Solid	0.2 - 1	24-18AWG	24-18AWG
		Stranded	0.22 - 1		
Short circuit current	A / s	120 A/1s			
Rated wire size	mm <sup>2</sup> / AWG				

**2 wires of the same gage and nature per ADO connection**



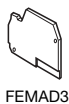
**D 1/5.P.ADO**

### Selection

Description	Type	Order P/N	Packaging	Weight kg
Ground block green body/yellow marking	■ D 1/5.P.ADO	1SNA 399 031 R2200	50	

### Accessories

End section	yellow ■	FEMAD3	3 mm	1SNA 199 343 R0700	20
	grey □	FEMAD3	3 mm	1SNA 199 341 R0500	20





# Feed through and ground terminal blocks Insulation displacement

ADO - ADO  $\hookrightarrow$  DIN 3

## D 1,5/6... .ADO - 1.5 mm<sup>2</sup> blocks - 6 mm .238" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	Solid Stranded	IEC	UL	CSA
			NFC	DIN	
	ADO	Solid	0.34 - 1.5	22-16 AWG	22-16 AWG
		Stranded			
Voltage			1000	600	600
Current			17.5	18	18
Short circuit current (D 1,5/6.PI.ADO)			A / s	180 A/1s	
Rated wire size			mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG

2 wires of the same gage and nature per ADO connection

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	D 1,5/6.ADO	1SNA 199 051 R2600	50
Standard block orange	D 1,5/6.ADO	1SNA 199 052 R2700	50
Standard block blue	D 1,5/6.N.ADO	1SNA 199 053 R2000	50
Standard block black	D 1,5/6.ADO	1SNA 199 083 R1700	50
Standard block red	D 1,5/6.ADO	1SNA 199 081 R1500	50
Standard block yellow	D 1,5/6.ADO	1SNA 199 080 R2000	50
Ground block yellow body/ green marking (without rail contact)	D 1,5/6.PI.ADO	1SNA 199 054 R2100	50

### Accessories

End stop		BADL	9 mm	1SNA 399 903 R0200	50
End section	grey	FEMAD3	3 mm	1SNA 199 341 R0500	20
	yellow	FEMAD3	3 mm	1SNA 199 343 R0700	20
Assembled jumper bar (with IP20 protection)	2 poles	BJMI6	32 A	1SNA 176 663 R0000	10
	3 poles	BJMI6	32 A	1SNA 176 664 R0100	10
	4 poles	BJMI6	32 A	1SNA 176 665 R0200	10
	5 poles	BJMI6	32 A	1SNA 176 666 R0300	10
	10 poles	BJMI6	32 A	1SNA 176 667 R0400	10
Screwless jumper bar IP20	2 poles	BJE6.2	17,5 A	1SNA 299 694 R0400	100
	3 poles	BJE6.3	17,5 A	1SNA 299 695 R0500	70
	4 poles	BJE6.4	17,5 A	1SNA 299 696 R0600	50
	5 poles	BJE6.5	17,5 A	1SNA 299 697 R0700	40
	10 poles	BJE6.10	17,5 A	1SNA 299 702 R1400	20
Shield connector		CBM5	0.5 mm	1SNA 178 745 R1400	50
		CBM8	0.8 mm	1SNA 178 746 R1500	50

## D 1,5/6.P.ADO - 1.5 mm<sup>2</sup> ground block with rail contact - 6 mm .198" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	Solid Stranded	IEC	UL	CSA
			NFC	DIN	
	ADO	Solid	0.34 - 1.5	22-16AWG	22-16AWG
		Stranded			
Short circuit current			A / s	180 A/1s	
Rated wire size			mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG

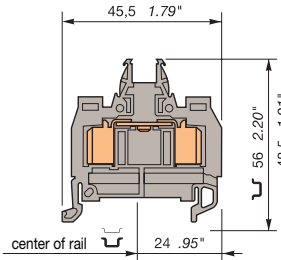
2 wires of the same gage and nature per ADO connection

### Selection

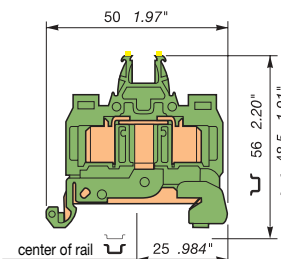
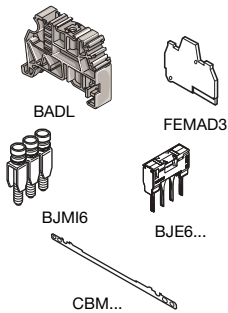
Description	Type	Order P/N	Packaging Weight kg
Ground block green body/yellow marking	D 1,5/6.P.ADO	1SNA 199 098 R2600	50

### Accessories

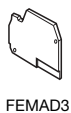
End section	yellow	FEMAD3	3 mm	1SNA 199 343 R0700	20
	grey	FEMAD3	3 mm	1SNA 199 341 R0500	20



D 1,5/6... .ADO



D 1,5/6.P.ADO







# Feed through and ground terminal blocks Insulation displacement

ADO - ADO ⌋ DIN 3

## D 2,5/8... .ADO - 2.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	IEC NFC DIN		UL	CSA
		Solid	Stranded		
	ADO	Solid	1 - 2.5	16-14 AWG	16-14 AWG
		Stranded	1 - 2.5		
Voltage		V	1000	600	600
Current		A	24	25	25
Short circuit current (D 2,5/8.PI.ADO)		A / s	300 A/1s		
Rated wire size		mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	16 AWG	16 AWG

2 wires of the same gage and nature  
per ADO connection

### Selection

Description	Type	Order P/N	Packaging	Weight kg
Standard block grey	<input type="checkbox"/> D 2,5/8.ADO	1SNA 199 059 R0600	50	
Standard block orange	<input type="checkbox"/> D 2,5/8.ADO	1SNA 199 060 R0300	50	
Standard block blue	<input type="checkbox"/> D 2,5/8.N.ADO	1SNA 199 061 R2000	50	
Standard block black	<input type="checkbox"/> D 2,5/8.ADO	1SNA 199 089 R2500	50	
Standard block red	<input type="checkbox"/> D 2,5/8.ADO	1SNA 199 087 R1300	50	
Standard block yellow	<input type="checkbox"/> D 2,5/8.ADO	1SNA 199 092 R1000	50	
Ground block yellow body/ green marking (without rail contact)	<input type="checkbox"/> D 2,5/8.PI.ADO	1SNA 199 062 R2100	50	

### Accessories

End stop	BADL	9 mm	1SNA 399 903 R0200	50	
End section	grey <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 341 R0500	20
End section	yellow <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 343 R0700	20
Assembled jumper bar (with IP20 protection)	2 poles	BJM18	41 A	1SNA 176 669 R1600	10
	3 poles	BJM18	41 A	1SNA 176 670 R1300	10
	4 poles	BJM18	41 A	1SNA 176 671 R0000	10
	5 poles	BJM18	41 A	1SNA 176 672 R0100	10
	10 poles	BJM18	41 A	1SNA 176 673 R0200	10
Screwless jumper bar IP20	2 poles	BJE8.2	41 A	1SNA 299 712 R0500	15
	3 poles	BJE8.3	41 A	1SNA 299 713 R0600	50
	4 poles	BJE8.4	41 A	1SNA 299 714 R0700	30
	5 poles	BJE8.5	41 A	1SNA 299 715 R0000	30
	10 poles	BJE8.10	41 A	1SNA 299 720 R1100	10

## D 2,5/8.P.ADO - 2.5 mm<sup>2</sup> ground block with rail contact - 8 mm .315" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	IEC NFC DIN		UL	CSA
		Solid	Stranded		
	ADO	Solid	1 - 2.5	16-14AWG	16-14AWG
		Stranded	1 - 2.5		
Short circuit current		A / s	300 A/1s		
Rated wire size		mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>		

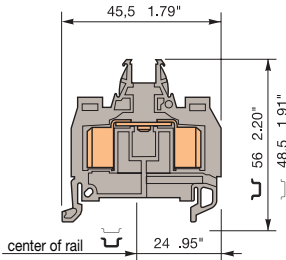
2 wires of the same gage and nature  
per ADO connection

### Selection

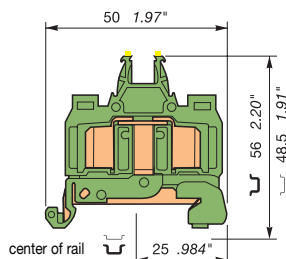
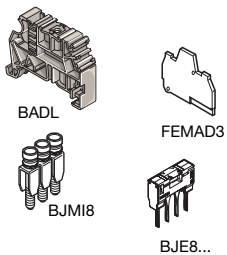
Description	Type	Order P/N	Packaging	Weight kg
Ground block green body/yellow marking	<input type="checkbox"/> D 2,5/8.P.ADO	1SNA 199 091 R1700	50	

### Accessories

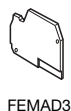
End section	yellow <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 343 R0700	20
	grey <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 341 R0500	20



D 2,5/8... .ADO



D 2,5/8.P.ADO



FEMAD3





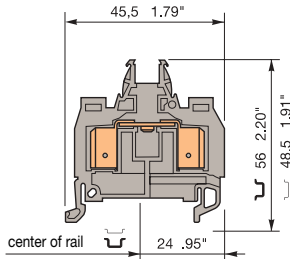
# Feed through and ground terminal blocks Insulation displacement

ADO - ADO  $\hookrightarrow$  DIN 3

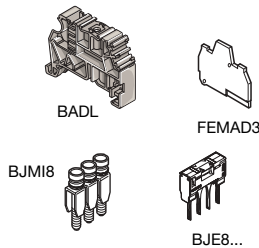
## D 4/8.ADO - 4 mm<sup>2</sup> blocks - 8 mm .315" spacing

Characteristics		IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid		
		Stranded		
	ADO	Solid	4	12 AWG
		Stranded	4	12 AWG
Voltage	V	1000	600	600
Current	A	32	25	25
Short circuit current (D 4/8.PI.ADO)	A / s	480 A/1s		
Rated wire size	mm <sup>2</sup> / AWG	4 mm <sup>2</sup>	12 AWG	12 AWG

Only one wire per ADO connection



D 4/8.ADO



### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	<input type="checkbox"/> D 4/8.ADO	1SNA 399 244 R1400	50
Standard block blue	<input type="checkbox"/> D 4/8.N.ADO	1SNA 399 318 R1600	50
Standard block orange	<input type="checkbox"/> D 4/8.ADO	1SNA 399 801 R0400	50
Ground block yellow body/ green marking (without rail contact)	<input type="checkbox"/> D 4/8.PI.ADO	1SNA 399 272 R1000	50

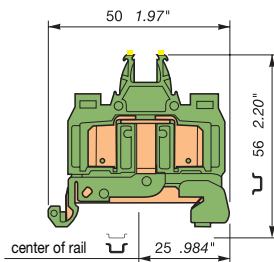
### Accessories

End stop	BADL	9 mm	1SNA 399 903 R0200	50	
End section	grey <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 341 R0500	20
	yellow <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 343 R0700	20
Assembled jumper bar (with IP20 protection)	2 poles	BJMI8	41 A	1SNA 176 669 R1600	10
	3 poles	BJMI8	41 A	1SNA 176 670 R1300	10
	4 poles	BJMI8	41 A	1SNA 176 671 R0000	10
	5 poles	BJMI8	41 A	1SNA 176 672 R0100	10
	10 poles	BJMI8	41 A	1SNA 176 673 R0200	10
Screwless jumper bar IP20	2 poles	BJE8.2	41 A	1SNA 299 712 R0500	15
	3 poles	BJE8.3	41 A	1SNA 299 713 R0600	50
	4 poles	BJE8.4	41 A	1SNA 299 714 R0700	30
	5 poles	BJE8.5	41 A	1SNA 299 715 R0000	30
	10 poles	BJE8.10	41 A	1SNA 299 720 R1100	10

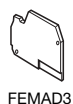
## D 4/8.P.ADO - 4 mm<sup>2</sup> ground block with rail contact - 8 mm .315" spacing

Characteristics		IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid		
		Stranded		
	ADO	Solid	4	12 AWG
		Stranded	4	12 AWG
Short circuit current	A / s	480 A/1s		
Rated wire size	mm <sup>2</sup> / AWG	4 mm <sup>2</sup>	12 AWG	12 AWG

Only one wire per ADO connection



D 4/8.P.ADO



FEMAD3

### Selection

Description	Type	Order P/N	Packaging Weight kg
Ground block green body/yellow marking	<input type="checkbox"/> D 4/8.P.ADO	1SNA 399 250 R2600	50

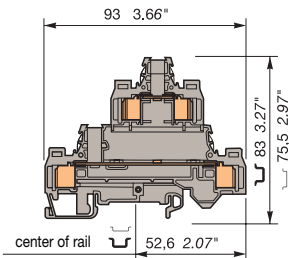
### Accessories

End section	yellow <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 343 R0700	20
	grey <input type="checkbox"/>	FEMAD3	3 mm	1SNA 199 341 R0500	20

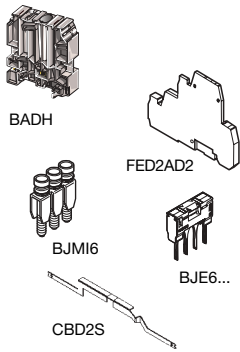
# Feed through terminal blocks - Double deck insulation displacement

ADO - ADO  DIN 3

## D 1,5/6.D2.ADO - 1.5 mm<sup>2</sup> blocks - 6 mm .238" spacing






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









Characteristics		IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid		
		Stranded		
ADO	Solid	0.28 - 1.5	22-16 AWG	22-16 AWG
	Stranded	0.34 - 1.5		
Voltage	V	800	300	300
Current	A	17.5	18	18
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG	16 AWG

**2 wires of the same gage and nature per ADO connection**

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	 D 1.5/6.D2.ADO	1SNA 199 480 R2600	50
Standard block orange	 D 1.5/6.D2.ADO	1SNA 199 481 R1300	50
Standard block blue	 D 1.5/6.D2.N.ADO	1SNA 199 482 R1400	50

### Accessories

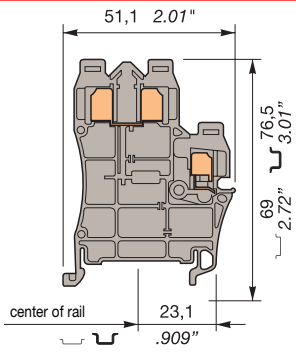
End stop		BADH	12 mm	1SNA 116 900 R2700	50
End section	grey	 FED2AD2	5 mm	1SNA 199 476 R2500	20
Assembled jumper bar (with IP20 protection)	2 poles	BJMI6	32 A	1SNA 176 663 R0000	10
	3 poles	BJMI6	32 A	1SNA 176 664 R0100	10
	4 poles	BJMI6	32 A	1SNA 176 665 R0200	10
	5 poles	BJMI6	32 A	1SNA 176 666 R0300	10
	10 poles	BJMI6	32 A	1SNA 176 667 R0400	10
Screwless jumper bar orange IP20	2 poles	 BJE6.2	32 A	1SNA 299 694 R0400	100
	3 poles	 BJE6.3	32 A	1SNA 299 695 R0500	70
	4 poles	 BJE6.4	32 A	1SNA 299 696 R0600	50
	5 poles	 BJE6.5	32 A	1SNA 299 697 R0700	40
	10 poles	 BJE6.10	32 A	1SNA 299 702 R1400	20
Shield connector		CBD2S		1SNA 178 408 R1400	50



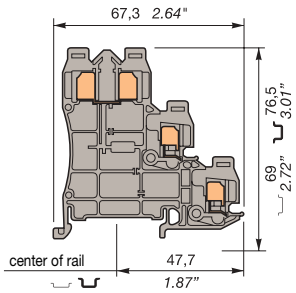
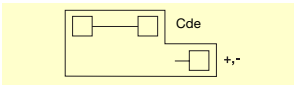
# Terminal blocks - Insulation displacement For sensors / actuators

ADO - ADO  $\sqsubset$  DIN 3

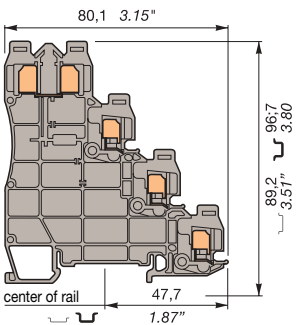
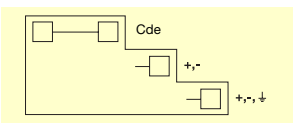
## D 1/5.C...ADO - 1 mm<sup>2</sup> blocks - 5 mm .197" spacing



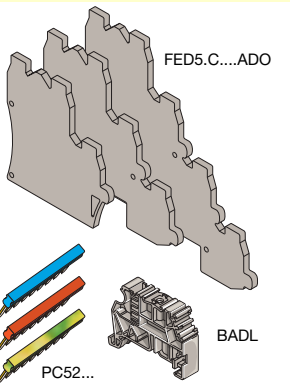
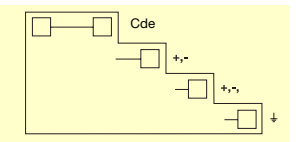
**D 1/5.C2.ADO**



**D 1/5.C3.ADO**



**D 1/5.C4.ADO**



### Characteristics

Wire size mm <sup>2</sup> / AWG	Solid Stranded	IEC	UL	CSA
		NFC DIN	pending	pending
		0.2 - 1		
		0.22 - 1		
Voltage	V	250		
Current	A	13.5		
Rated wire size	mm <sup>2</sup> / AWG	1 mm <sup>2</sup>		
Wire stripping length	mm / inches			
Recommended torque (screw)	Nm / lb.in			

Only one wire per ADO connection

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	<input type="checkbox"/> D 1/5.C2.ADO	1SNA 399 686 R0000	50
Standard block grey	<input type="checkbox"/> D 1/5.C3.ADO	1SNA 399 689 R1300	50
Standard block grey	<input type="checkbox"/> D 1/5.C4.ADO	1SNA 399 692 R0600	50

### Accessories

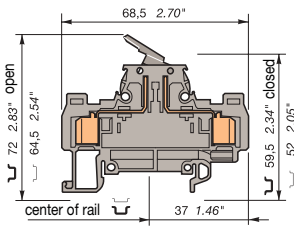
End stop		BADL	9 mm	1SNA 399 903 R0200	50	
End section kit	grey	<input type="checkbox"/>	FED5.C2.ADO	1SNA 399 677 R1600	20	
	grey	<input type="checkbox"/>	FED5.C3.ADO	1SNA 399 678 R2700	20	
	grey	<input type="checkbox"/>	FED5.C4.ADO	1SNA 399 679 R2000	20	
Comb type jumper bar	blue	<input type="checkbox"/>	PC52.10	10 poles	1SNA 399 684 R0600	10
	red	<input type="checkbox"/>	PC52.10	10 poles	1SNA 399 683 R0500	10
	green/yellow	<input type="checkbox"/>	PC52.10	10 poles	1SNA 399 685 R0700	10
	blue	<input type="checkbox"/>	PC52.66	66 poles	1SNA 399 707 R1500	10
	red	<input type="checkbox"/>	PC52.66	66 poles	1SNA 399 708 R2600	10
	green/yellow	<input type="checkbox"/>	PC52.66	66 poles	1SNA 399 709 R2700	10

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



# Heavy duty switch terminal blocks with blade Insulation displacement

ADO - ADO DIN 3



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

## D 1/5.SNT2.ADO - 1 mm<sup>2</sup> blocks - 5 mm .200" spacing

### Characteristics

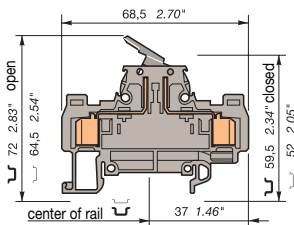
Wire size mm <sup>2</sup> / AWG	Screw	IEC		UL	CSA
		NFC	DIN		
	ADO	Solid	0.2 - 1	24-18 AWG	24-18 AWG
		Stranded	0.22 - 1		
Voltage		V	320	300	300
Current		A	10		
Rated wire size		mm <sup>2</sup> / AWG	1 mm <sup>2</sup>	18 AWG	18 AWG

**2 wires of the same gage and nature per ADO connection**

(2) Only for D 1/5.SNT2.ADO

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	<input type="checkbox"/> D 1/5.SNT2.ADO	1SNA 399 231 R0700	50
Standard block orange	<input type="checkbox"/> D 1/5.SNT2.ADO	1SNA 399 232 R0000	50



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

## D 1,5/6.SNT2.ADO - 1.5 mm<sup>2</sup> blocks - 6 mm .238" spacing

### Characteristics

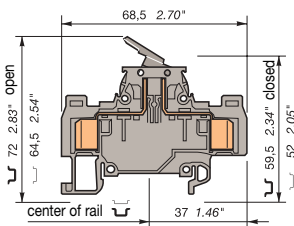
Wire size mm <sup>2</sup> / AWG	Screw	IEC		UL	CSA
		NFC	DIN		
	ADO	Solid	0.34 - 1.5	22-16 AWG	22-16 AWG
		Stranded	0.34 - 1.5		
Voltage		V	500	600	600
Current		A	10	8	10
Rated wire size		mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG	16 AWG

**2 wires of the same gage and nature per ADO connection**

(3) Only for D 1,5/6.SNT2.ADO

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	<input type="checkbox"/> D 1,5/6.SNT2.ADO	1SNA 199 144 R2000	50
Standard block orange	<input type="checkbox"/> D 1,5/6.SNT2.ADO	1SNA 199 145 R2100	50
Standard block blue	<input type="checkbox"/> D 1,5/6.SNT2.ADO	1SNA 199 591 R1100	50



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

## D 2,5/8.SNT2.ADO - 2.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	Screw	IEC		UL	CSA
		NFC	DIN		
	ADO	Solid	1 - 2.5	16-14 AWG	16-14 AWG
		Stranded	1 - 2.5		
Voltage		V	500	600	60000
Current		A	15	15	15
Rated wire size		mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	16 AWG	16 AWG

**2 wires of the same gage and nature per ADO connection**

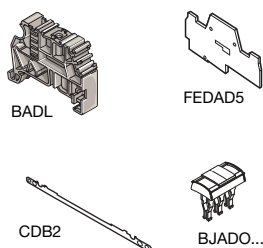
(1) Except for D 2,5/8.SNT2.ADO

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	<input type="checkbox"/> D 2,5/8.SNT2.ADO	1SNA 199 231 R2700	50
Standard block orange	<input type="checkbox"/> D 2,5/8.SNT2.ADO	1SNA 199 232 R2000	50

### Accessories

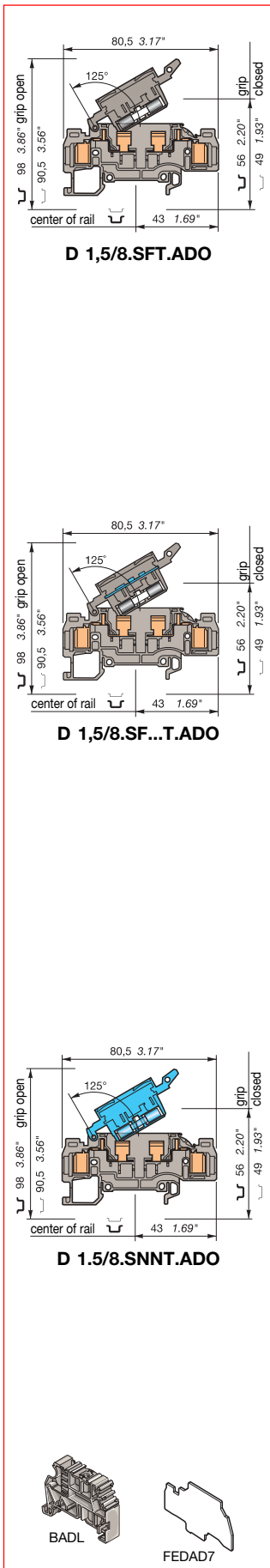
End stop		BADL	9 mm	1SNA 399 903 R0200	50
End section	grey	<input type="checkbox"/> FEDAD5	2 mm	1SNA 199 354 R0200	20
	orange	<input type="checkbox"/> FEDAD5	2 mm	1SNA 199 355 R0300	20
Shielding connector		CDB2	0.8 mm (1)	1SNA 179 635 R0700	50
Screwless jumper bar orange IP20	2 poles	<input type="checkbox"/> BJADO5.2	13,5 A (2)	1SNA 205 955 R0300	20
	3 poles	<input type="checkbox"/> BJADO5.3	13,5 A (2)	1SNA 205 956 R0400	20
	4 poles	<input type="checkbox"/> BJADO5.4	13,5 A (2)	1SNA 205 957 R0500	20
	5 poles	<input type="checkbox"/> BJADO5.5	13,5 A (2)	1SNA 205 958 R1600	20
	10 poles	<input type="checkbox"/> BJADO5.10	13,5 A (2)	1SNA 205 963 R0300	10
Screwless jumper bar orange IP20	2 poles	<input type="checkbox"/> BJADO6.2	17,5 A (3)	1SNA 205 974 R0600	20
	3 poles	<input type="checkbox"/> BJADO6.3	17,5 A (3)	1SNA 205 975 R0700	20
	4 poles	<input type="checkbox"/> BJADO6.4	17,5 A (3)	1SNA 205 976 R0000	20
	5 poles	<input type="checkbox"/> BJADO6.5	17,5 A (3)	1SNA 205 977 R0100	20
	10 poles	<input type="checkbox"/> BJADO6.10	17,5 A (3)	1SNA 205 982 R2700	10





# Fuse holder terminal blocks for fuses 5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.

ADO - ADO DIN 3



## D 1,5/8.SFT.ADO - 1.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

### Characteristics

			IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid			
		Stranded			
	ADO	Solid	0.34 - 1.5	22-16 AWG	22-16 AWG
		Stranded	0.34 - 1.5		
Voltage	V		630 (1)	600 (1)	600 (1)
Current	A		6.3	8	10
Rated wire size	mm <sup>2</sup> / AWG		1.5 mm <sup>2</sup>	16 AWG	16 AWG

**2 wires of the same gage and nature per ADO connection**

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

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	D 1,5/8.SFT.ADO	1SNA 199 208 R1100	50
Standard block orange	D 1,5/8.SFT.ADO	1SNA 199 209 R1200	50

With DIA. 2 or 2.3 mm screw test socket for test

## D 1,5/8.SF...T.ADO - 1.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

### Characteristics

			IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid			
		Stranded			
	ADO	Solid	0.34 - 1.5	22-16 AWG	22-16 AWG
		Stranded	0.34 - 1.5		
Voltage	V		500 (1)	600 (1)	600 (1)
Current	A		6.3	8	10
Rated wire size	mm <sup>2</sup> / AWG		1.5 mm <sup>2</sup>	16 AWG	16 AWG

**2 wires of the same gage and nature per ADO connection**

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

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey (2)	D 1,5/8.SFLT.ADO	1SNA 199 211 R2300	50
Standard block grey (3)	D 1,5/8.SFDT.ADO	1SNA 199 212 R2400	50

With DIA. 2 or 2.3 mm screw test socket for test

(2) 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)).

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

## D 1,5/8.SNNT.ADO - 1.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

### Characteristics

			IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid			
		Stranded			
	ADO	Solid	0.34 - 1.5	22-16 AWG	22-16 AWG
		Stranded	0.34 - 1.5		
Voltage	V		630	600	600
Current	A		10	8	10
Rated wire size	mm <sup>2</sup> / AWG		1.5 mm <sup>2</sup>	16 AWG	16 AWG

**2 wires of the same gage and nature per ADO connection**

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey body/ blue grip	D 1,5/8.SNNT.ADO	1SNA 199 210 R0600	50

With DIA. 2 or 2.3 mm test on two sides.

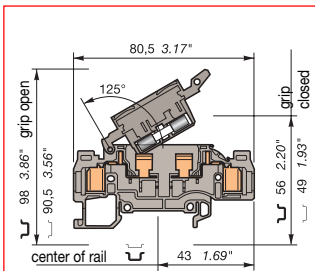
### Accessories

End stop		BADL	9 mm	1SNA 399 903 R0200	50
End section	grey	FEDAD7	1.5 mm	1SNA 199 382 R2700	20



# Fuse holder terminal blocks for fuses 5x20 mm .197x.787 in. and 5x25 mm .197x.984 in.

ADO - ADO DIN 3



**D 2,5/8.SFT.ADO2**

## D 2,5/8.SFT.ADO2 - 2.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

Characteristics		IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid Stranded		
	ADO	Solid Stranded	1 - 2.5 1 - 2.5	16-14 AWG 16-14 AWG
Voltage	V	630 (1)	600 (1)	600 (1)
Current	A	6.3	10	10
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG	14 AWG

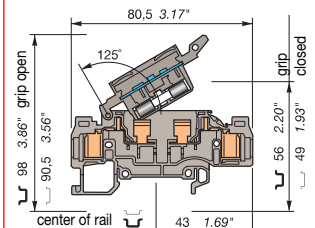
**2 wires of the same gage and nature per ADO connection**

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

### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey	<input type="checkbox"/> D 2,5/8.SFT.ADO2	1SNA 199 184 R1100	50
Standard block orange	<input type="checkbox"/> D 2,5/8.SFT.ADO2	1SNA 199 185 R1200	50

For test sockets DIA. 2 or DIA. 2.3 mm.



**D 2,5/8.SF...T.ADO2**

## D 2,5/8.SF...T.ADO2 - 2.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

Characteristics		IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid Stranded		
	ADO	Solid Stranded	1 - 2.5 1 - 2.5	16-14 AWG 16-14 AWG
Voltage	V	500 (4)	600 (4)	600 (4)
Current	A	6.3	10	10
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG	14 AWG

**2 wires of the same gage and nature per ADO connection**

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

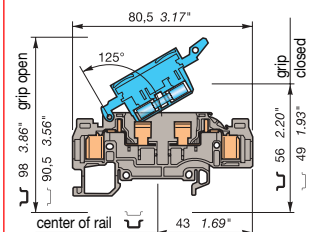
### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey (2)	<input type="checkbox"/> D 2,5/8.SFLT.ADO2	1SNA 199 187 R1400	50
Standard block orange (3)	<input type="checkbox"/> D 2,5/8.SFDT.ADO2	1SNA 199 188 R2500	50

With DIA. 2 or 2.3 mm screw test socket for test

(2) 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)).

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



**D 2,5/8.SNNT.ADO2**

## D 2,5/8.SNNT.ADO2 - 2.5 mm<sup>2</sup> blocks - 8 mm .315" spacing

Characteristics		IEC NFC DIN	UL	CSA
Wire size mm <sup>2</sup> / AWG	Screw	Solid Stranded		
	ADO	Solid Stranded	1 - 2.5 1 - 2.5	16-14 AWG 16-14 AWG
Voltage	V	630	600	250
Current	A	10	10	10
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG	14 AWG

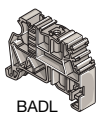
**2 wires of the same gage and nature per ADO connection**

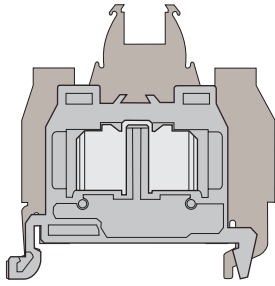
### Selection

Description	Type	Order P/N	Packaging Weight kg
Standard block grey body/ blue grip	<input type="checkbox"/> D 2,5/8.SNNT.ADO2	1SNA 199 186 R1300	50

### Accessories

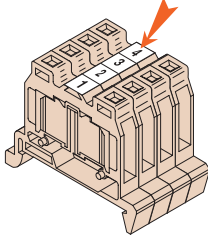
End stop	BADL	9 mm	1SNA 399 903 R0200	50
End section	grey <input type="checkbox"/> FEDAD7	1.5 mm	1SNA 199 382 R2700	20



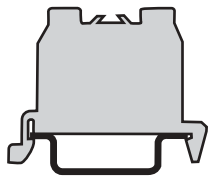


A reduced size range

A very legible marking

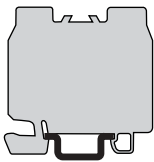


Mounting on DIN 3 rail



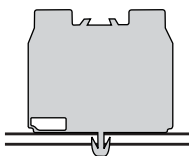
DS=DIN3

Mounting on DIN 2 rail

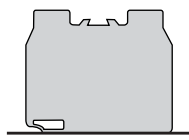


DR=DIN2

Panel mounting



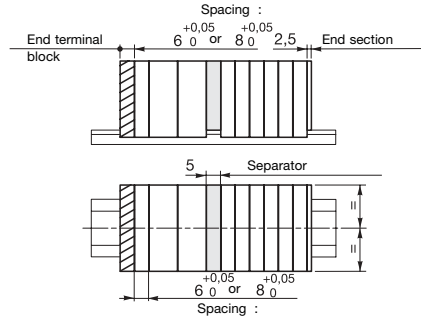
DH= snap-in



DB= flanges

## Miniblock mounting and accessories

### Rail mounting DIN 2 and DIN 3 DIN 2 : DR...ADO - DIN 3 : DS...ADO



At the end of the terminal block 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 block 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 block assembly :

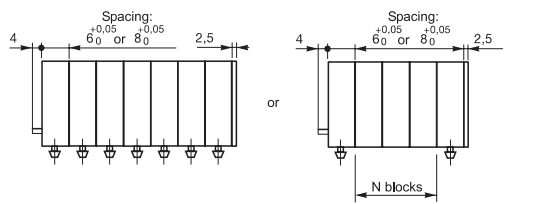
- Separator : (same accessory for any type of terminal terminal block assembly)

FEAD5 : V/ADO  
FEAD6 : ADO/ADO

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

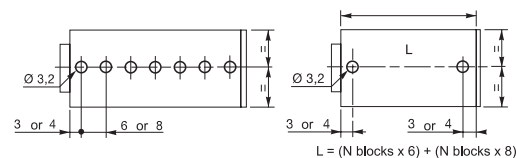
### Base mounting

#### Snap on : DH...ADO

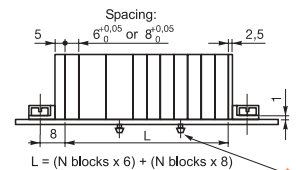


Drilling  
(plate thickness 0.6 mm to 1.2 mm)

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

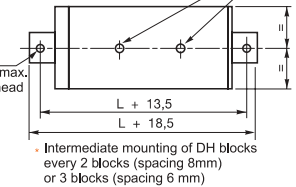


#### With flanges : DB...ADO



Drilling  
(plate thickness 0.6 to 1.2 mm)

2 holes  $\varnothing 3.2$   
for 3 mm screw max.  
with cylindrical head  
(not provided)



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

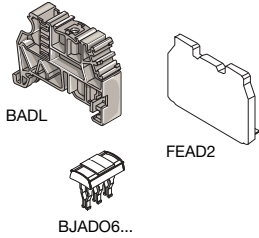
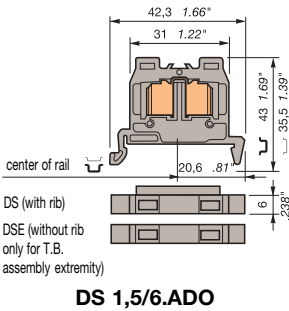




# Miniblocks Insulation displacement

ADO - ADO  $\hookrightarrow$  DIN 3

## DS 1,5/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing



### Characteristics

Wire size mm <sup>2</sup> / AWG	ADO	IEC		UL/CSA
		NFC	DIN	
		Solid	0.28 - 1.5 mm <sup>2</sup>	22-16 AWG
		Stranded	0.34 - 1.5 mm <sup>2</sup>	
Voltage	V	1000 V	600 V	
Pulse	kV			
Current	A	17.5 A	20 A	
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG	

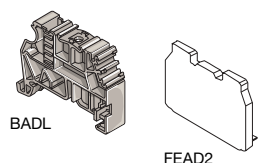
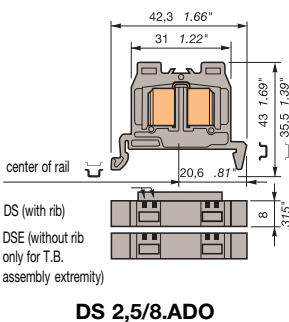
### Selection

Description	Type	Order P/N	Packaging Weight kg
DIN 3 miniblocks	grey <input type="checkbox"/>	DS 1,5/6.ADO	1SNA <b>299 497</b> R2700
	blue <input type="checkbox"/>	DS 1,5/6.N.ADO	1SNA <b>299 499</b> R0100
	orange <input type="checkbox"/>	DS 1,5/6.ADO	1SNA <b>299 498</b> R0000
	grey <input type="checkbox"/>	DSE 1,5/6.ADO	1SNA <b>299 558</b> R1300

### Accessories

End stop V0		BADL	9 mm	1SNA <b>399 903</b> R0200	50
End section	grey V0 <input type="checkbox"/>	FEAD2	2.5 mm	1SNA <b>199 423</b> R1000	20
	orange V0 <input type="checkbox"/>	FEAD2	2.5 mm	1SNA <b>199 424</b> R1100	20
Screwless jumper bar IP 20	orange <input type="checkbox"/>	BJADO6.2	17.5 A	1SNA <b>205 974</b> R0600	20
			17.5 A	1SNA <b>205 975</b> R0700	20
			17.5 A	1SNA <b>205 976</b> R0000	20
			17.5 A	1SNA <b>205 977</b> R0100	20
			17.5 A	1SNA <b>205 982</b> R2700	10

## DS 2,5/8.ADO - 2.5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing



### Characteristics

Wire size mm <sup>2</sup> / AWG	ADO	IEC		UL/CSA
		NFC	DIN	
		Solid	1 - 2.5 mm <sup>2</sup>	16-14 AWG
		Stranded	1 - 2.5 mm <sup>2</sup>	
Voltage	V	1000 V	600 V	
Pulse	kV			
Current	A	24 A	25 A	
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG	

### Selection

Description	Type	Order P/N	Packaging Weight kg
DIN 3 miniblocks	grey <input type="checkbox"/>	DS 2,5/8.ADO	1SNA <b>299 501</b> R0300
	blue <input type="checkbox"/>	DS 2,5/8.N.ADO	1SNA <b>299 503</b> R0500
	orange <input type="checkbox"/>	DS 2,5/8.ADO	1SNA <b>299 502</b> R0400
	grey <input type="checkbox"/>	DSE 2,5/8.ADO	1SNA <b>299 559</b> R1400

\* Notches to identify 8 mm spacing

### Accessories

End stop V0		BADL	9 mm	1SNA <b>399 903</b> R0200	50
End section	grey V0 <input type="checkbox"/>	FEAD2	2.5 mm	1SNA <b>199 423</b> R1000	20
	orange V0 <input type="checkbox"/>	FEAD2	2.5 mm	1SNA <b>199 424</b> R1100	20



# Feed through and ground miniblocks Insulation displacement

ADO - ADO ~ DIN 2

## DR 1/5.ADO - 1 mm<sup>2</sup> miniblocks - 5 mm .198" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	ADO	IEC		UL/CSA
		NFC	DIN	
		Solid	0.2 - 1 mm <sup>2</sup>	24-18 AWG
		Stranded	0.22 - 1 mm <sup>2</sup>	
Voltage		V	1000 V	600 V
Pulse		kV	8 kV	
Current		A	13.5 A	10 A
Rated wire size		mm <sup>2</sup> / AWG	1 mm <sup>2</sup>	18 AWG

2 wires of the same gage and nature per ADO connection

### Selection

Description	Type	Order P/N	Packaging Weight kg
DIN 2 miniblocks	grey □ DR 1,5/6.ADO	1SNA 399 491 R2500	100
	blue □ DR 1,5/6.N.ADO	1SNA 399 493 R2700	100
	orange □ DR 1,5/6.ADO	1SNA 399 492 R2600	100
	grey □ DRE 1,5/6.ADO	1SNA 399 495 R2100	20

## DR 1,5/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	ADO	IEC		UL/CSA
		NFC	DIN	
		Solid	0.28 - 1.5 mm <sup>2</sup>	22-16 AWG
		Stranded	0.34 - 1.5 mm <sup>2</sup>	
Voltage		V	1000 V	600 V
Pulse		kV	8 kV	
Current		A	17.5 A	20 A
Rated wire size		mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG

2 wires of the same gage and nature per ADO connection

### Selection

Description	Type	Order P/N	Packaging Weight kg
DIN 2 miniblocks	grey □ DR 1,5/6.ADO	1SNA 199 283 R2400	100
	blue □ DR 1,5/6.N.ADO	1SNA 199 285 R2600	100
	orange □ DR 1,5/6.ADO	1SNA 199 284 R2500	100
	grey □ DRE 1,5/6.ADO	1SNA 299 554 R0700	20

## DR 2,5/8....ADO - 2,5 mm<sup>2</sup> miniblock - 8 mm .315" spacing

### Characteristics

Wire size mm <sup>2</sup> / AWG	ADO	IEC		UL/CSA
		NFC	DIN	
		Solid	1 - 2.5 mm <sup>2</sup>	16-14 AWG
		Stranded	1 - 2.5 mm <sup>2</sup>	
Voltage		V	1000 V	600 V
Pulse		kV	8 kV	
Current		A	24 A	25 A
Current short-circuit		A	300 A / 1s	
Rated wire size		mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG

2 wires of the same gage and nature per ADO connection

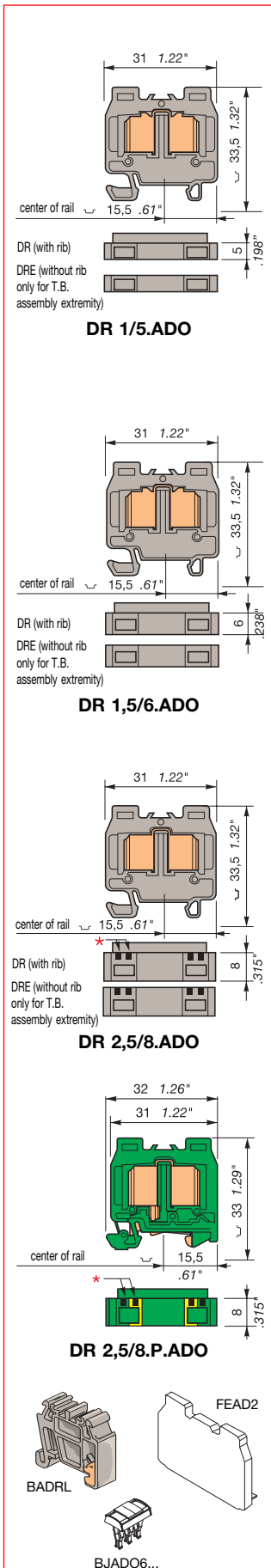
### Selection

Description	Type	Order P/N	Packaging Weight kg
DIN 2 miniblocks	grey □ DR 2,5/8.ADO	1SNA 199 287 R2000	100
	blue □ DR 2,5/8.N.ADO	1SNA 199 289 R0200	100
	orange □ DR 2,5/8.ADO	1SNA 199 288 R0100	100
	grey □ DRE 2,5/8.ADO	1SNA 299 555 R0000	20
DIN 2 miniblock for ground wire connected to the mounting rail green body / yellow marking	■ DR 2,5/8.P.ADO	1SNA 299 633 R0600	100

\* Notches to identify 8 mm spacing

### Accessories

End stop		BADRL	6,5 mm	1SNA 199 420 R2100	50
End section V0	grey □	FEAD2	2.5 mm	1SNA 199 423 R1000	20
	orange □	FEAD2	2.5 mm	1SNA 199 424 R1100	20
Screwless jumper bar IP 20 (for DR 1,5/6.ADO only)	orange □	BJADO6.2	17.5 A	1SNA 205 974 R0600	20
		BJADO6.3	17.5 A	1SNA 205 975 R0700	20
		BJADO6.4	17.5 A	1SNA 205 976 R0000	20
		BJADO6.5	17.5 A	1SNA 205 977 R0100	20
		BJADO6.10	17.5 A	1SNA 205 982 R2700	10





# Miniblocks ADO - ADO

## Base mount with snap-in mounting foot

### DH 1,5/6.ADO - 1.5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing

Characteristics		IEC		UL/CSA
		NFC	DIN	
Wire size mm <sup>2</sup> / AWG	ADO	Solid	0.28 - 1.5 mm <sup>2</sup>	22-16 AWG
		Stranded	0.34 - 1.5 mm <sup>2</sup>	
Voltage		V	1000 V	600 V
Pulse		kV	8 kV	
Current		A	17.5 A	20 A
Rated wire size		mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG

#### Selection

Description	Type	Order P/N	Packaging Weight kg	
Base mount miniblocks grey	<input type="checkbox"/>	DH 1,5/6.ADO	1SNA 299 529 R0600	100
with snap-in mounting blue	<input type="checkbox"/>	DH 1,5/6.N.ADO	1SNA 299 531 R2000	100
foot orange	<input type="checkbox"/>	DH 1,5/6.ADO	1SNA 299 530 R0300	100

#### Accessories

End section	grey V0	<input type="checkbox"/>	FEAD2	2.5 mm	1SNA 199 423 R1000	20
	orange V0	<input type="checkbox"/>	FEAD2	2.5 mm	1SNA 199 424 R1100	20
Screwless jumper bar IP 20	orange	<input type="checkbox"/>	BJADO6.2	17.5 A	1SNA 205 974 R0600	20
	2 poles		BJADO6.3	17.5 A	1SNA 205 975 R0700	20
	3 poles		BJADO6.4	17.5 A	1SNA 205 976 R0000	20
	4 poles		BJADO6.5	17.5 A	1SNA 205 977 R0100	20
	5 poles		BJADO6.10	17.5 A	1SNA 205 982 R2700	10

### DH 2,5/8.ADO - 2.5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing

Characteristics		IEC		UL/CSA
		NFC	DIN	
Wire size mm <sup>2</sup> / AWG	ADO	Solid	1 - 2.5 mm <sup>2</sup>	16-14 AWG
		Stranded	1 - 2.5 mm <sup>2</sup>	
Voltage		V	800 V	600 V
Pulse		kV	8 kV	
Current		A	24 A	25 A
Rated wire size		mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG

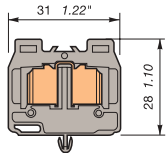
#### Selection

Description	Type	Order P/N	Packaging Weight kg	
Base mount miniblocks grey	<input type="checkbox"/>	DH 2,5/8.ADO	1SNA 299 533 R2200	100
with snap-in mounting blue	<input type="checkbox"/>	DH 2,5/8.N.ADO	1SNA 299 535 R2400	100
foot orange	<input type="checkbox"/>	DH 2,5/8.ADO	1SNA 299 534 R2300	100

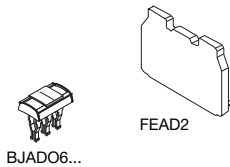
\* Notches to identify 8 mm spacing

#### Accessories

End section	grey V0	<input type="checkbox"/>	FEAD2	2.5 mm	1SNA 199 423 R1000	20
	orange V0	<input type="checkbox"/>	FEAD2	2.5 mm	1SNA 199 424 R1100	20

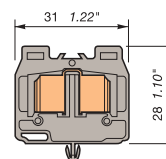


DH 1,5/6.ADO

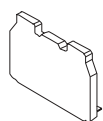


BJADO6...

FEAD2



DH 2,5/8.ADO



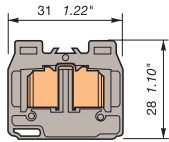
FEAD2



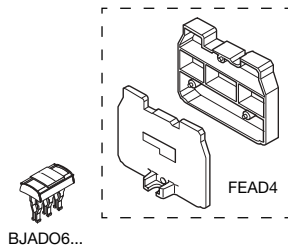
# Miniblocks ADO - ADO

## Base mount with flanges

### DB 1,5/6.ADO - 1,5 mm<sup>2</sup> miniblocks - 6 mm .236" spacing



**DB 1,5/6.ADO**



Characteristics		IEC NFC DIN	UL/CSA
Wire size mm <sup>2</sup> / AWG	ADO	Solid	22-16 AWG
		Stranded	
Voltage	V	1000 V	600 V
Pulse	kV	8 kV	
Current	A	17.5 A	20 A
Rated wire size	mm <sup>2</sup> / AWG	1.5 mm <sup>2</sup>	16 AWG

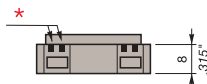
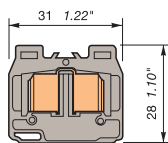
#### Selection

Description	Type	Order P/N	Packaging Weight kg
Base mount miniblocks with flanges	grey <input type="checkbox"/>	DB 1,5/6.ADO	1SNA 299 513 F2600
	blue <input type="checkbox"/>	DB 1,5/6.N.ADO	1SNA 299 515 F2000
	orange <input type="checkbox"/>	DB 1,5/6.ADO	1SNA 299 514 F2700

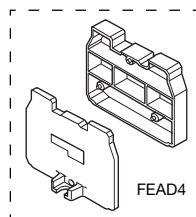
#### Accessories

End section flanges (right + left)	grey <input type="checkbox"/>	FEAD4	V0	1SNA 199 439 F2000	20
	orange <input type="checkbox"/>	FEAD4	V0	1SNA 199 440 F0500	20
Screwless jumper bar IP 20	orange <input type="checkbox"/>	BJJADO6.2	17.5 A	1SNA 205 974 F0600	20
			17.5 A	1SNA 205 975 F0700	20
			17.5 A	1SNA 205 976 F0000	20
			17.5 A	1SNA 205 977 F0100	20
			17.5 A	1SNA 205 982 F2700	10

### DB 2,5/8.ADO - 2,5 mm<sup>2</sup> miniblocks - 8 mm .315" spacing



**DB 2,5/8.ADO**



Characteristics		IEC NFC DIN	UL/CSA
Wire size mm <sup>2</sup> / AWG	ADO	Solid	22-16 AWG
		Stranded	
Voltage	V	800 V	600 V
Pulse	kV	8 kV	
Current	A	24 A	25 A
Rated wire size	mm <sup>2</sup> / AWG	2.5 mm <sup>2</sup>	14 AWG

#### Selection

Description	Type	Order P/N	Packaging Weight kg
Base mount miniblocks with flanges	grey <input type="checkbox"/>	DB 2,5/8.ADO	1SNA 299 517 F2200
	blue <input type="checkbox"/>	DB 2,5/8.N.ADO	1SNA 299 519 F0400
	orange <input type="checkbox"/>	DB 2,5/8.ADO	1SNA 299 518 F0300

\* Notches to identify 8 mm spacing

#### Accessories

End section flanges (right + left)	grey <input type="checkbox"/>	FEAD4	V0	1SNA 199 439 F2000	20
	orange <input type="checkbox"/>	FEAD4	V0	1SNA 199 440 F0500	20