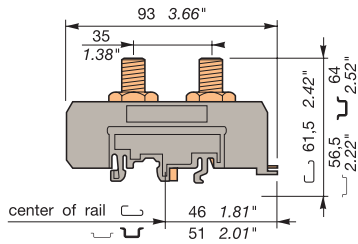


M 300/42.FF

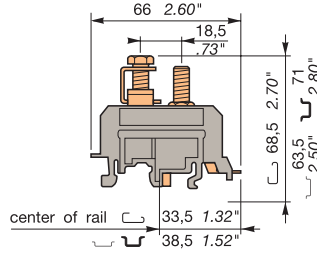
Spacing 42 mm (1.65")



2 studs M10 linked by
1 removable bar 31,5 x 5 mm

M 35/26.AF

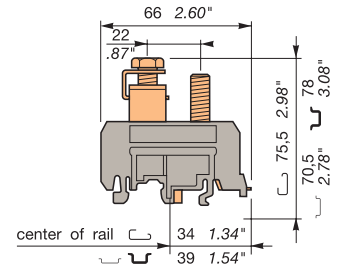
Spacing 26 mm (1.02")



1 stud M6
1 wire-clamp with HM6 screw

M 70/31.AF

Spacing 31 mm (1.22")



1 stud M8
1 wire-clamp with HM8 screw



Color	Type	Part numbers	Color	Type	Part number	Color	Type	Part number
Grey	<input type="checkbox"/> M 300/42.FF	1SNA 115 149 R2000	Grey	<input type="checkbox"/> M 35/26.AF	1SNA 115 139 R1600	Grey	<input type="checkbox"/> M 70/31.AF	1SNA 115 142 R1100

Characteristics

Wire size	DIN	NFC	UL	CSA
	Lug	6-150 mm ²	50-150 mm ²	1/0-500 MCM
Bar	32 x 8 mm		1.26" x .32"	
Wire-clamp				
Voltage	IEC	IEC		
	V~ Without partition	1000	1000	600
V~ With partition	1000	1000	600	600
Impulse withstand	12 kV	12 kV		
Pollution degree	3	3		
Current	DIN	NFC		
	Rated	265 A	269 A	230 A

Characteristics

Wire size	DIN	NFC	UL	CSA
	Lug	2,5-50 mm ²	4-35 mm ²	10-2 AWG
Bar	16 x 4 mm		.63" x .16"	
Wire-clamp	6-50 mm ²	6-50 mm ²	14-2 AWG	10-4 AWG
Voltage	IEC	IEC		
	V~ Without partition	1000	1000	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current	DIN	NFC		
	Rated	115 A	101 A	115 A

Characteristics

Wire size	DIN	NFC	UL	CSA
	Lug	2,5-70 mm ²	6-70 mm ²	8-0 AWG
Bar	20 x 5 mm		.78" x .20"	
Wire-clamp	6-70 mm ²	6-70 mm ²	8-0 AWG	6-0 AWG
Voltage	IEC	IEC		
	V~ Without partition	1000	1000	600
V~ With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current	DIN	NFC		
	Rated	178 A	150 A	150 A

Wire-size				
Rated	95 mm ²	120 mm ²	500 MCM	500 MCM
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 16 mm				
10 Nm 87 lb.in				

Wire-size				
Rated	25 mm ²	25 mm ²	2 AWG	4 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 10 mm		H 10 mm	19 mm .75"	
4,5 Nm 39 lb.in		4,5 Nm 39 lb.in		

Wire-size				
Rated	50 mm ²	50 mm ²	1/0 AWG	0 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 13 mm		H 13 mm	22 mm .87"	
6 Nm 52 lb.in		6 Nm 52 lb.in		

Type	Part numbers		
BAEH	th. 12 mm	1SNA 116 934 R0400	
BADH	th. 12 mm	1SNA 116 900 R2700	
BAMH	th. 9,1 mm	1SNA 114 836 R0000	
ECP42		1SNA 113 692 R1700	
CPP421	1 block	1SNA 168 208 R2100	
CPP422	2 blocks	1SNA 168 207 R1000	
CPP423	3 blocks	1SNA 163 424 R1400	

Type	Part numbers		
BAEH	th. 12 mm	1SNA 116 934 R0400	
BADH	th. 12 mm	1SNA 116 900 R2700	
BAMH	th. 9,1 mm	1SNA 114 836 R0000	
ECP26		1SNA 113 689 R2400	
CPP261	1 block	1SNA 168 202 R1300	
CPP262	2 blocks	1SNA 168 201 R1200	
CPP263	3 blocks	1SNA 163 403 R2000	

Type	Part numbers		
BAEH	th. 12 mm	1SNA 116 934 R0400	
BADH	th. 12 mm	1SNA 116 900 R2700	
BAMH	th. 9,1 mm	1SNA 114 836 R0000	
ECP31		1SNA 113 690 R2100	
CPP311	1 block	1SNA 168 204 R1500	
CPP312	2 blocks	1SNA 168 203 R1400	
CPP313	3 blocks	1SNA 163 409 R0600	

PEP+RC610 for ECP

RC610 for CPU cover

PEP+RC610 for ECP and wire-clamp RC610 for CPU cover

PEP+RC610 for ECP and wire-clamp RC610 for CPU cover

Power terminal blocks

Type I

DIN 1 - DIN 3

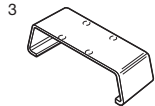
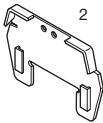
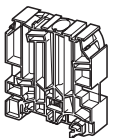


Rail		35 x 7,5 x 1	PR3.Z2	1SNA 174 300 R1700
Rail		35 x 15 x 2,3	PR4	1SNA 168 500 R1200
Rail		35 x 15 x 1,5	PR5	1SNA 168 700 R2200
Rail		32 x 15 x 1,5	PR1.Z2	1SNA 163 050 R0400

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

Notes

Accessories

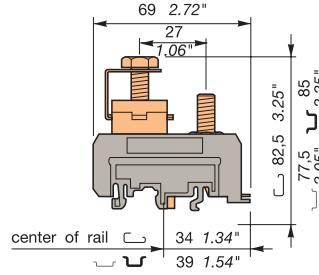


- End stop
(other end stops : see accessories)
- Partition for cover
- Protective cover
(marked cut)

R See section on markers
Marking method

M 120/35.AF

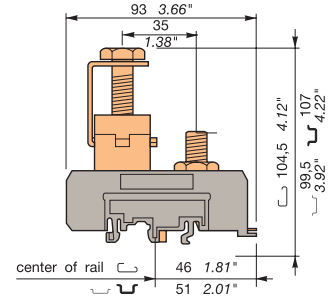
Spacing 35 mm (1.38")



1 stud M8
1 wire-clamp with HM8 screw

M 300/42.AF

Spacing 42 mm (1.65")



1 stud M10
1 wire-clamp with HM10 screw



Color	Type	Part number	Color	Type	Part number
Grey	M 120/35.AF	1SNA 115 145 R1400	Grey	M 300/42.AF	1SNA 115 148 R2700

Characteristics

Wire size	Wire size			
	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-95 mm ²	2-250 MCM	000 AWG
Bar	25 x 5 mm		.1" x .20"	
Wire-clamp	35-120 mm ²	35-120 mm ²	2-250 MCM	2-000 AWG
Voltage	IEC		IEC	
	Without partition	1000	1000	600
With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current	DIN		NFC	
	Rated	150 A	192 A	255 A

Characteristics

Wire size	Wire size			
	DIN	NFC	UL	CSA
Lug	6-150 mm ²	50-150 mm ²	0-500 MCM	500 MCM
Bar	32 x 8 mm		1.26" x .32"	
Wire-clamp	70-300 mm ²	70-300 mm ²	0-500 MCM	0-500 MCM
Voltage	IEC		IEC	
	Without partition	1000	1000	600
With partition	1000	1000	600	600
Impulse withstand	8 kV	8 kV		
Pollution degree	3	3		
Current	DIN		NFC	
	Rated	269 A	269 A	380 A

Lug	Wire size			
	50 mm ²	70 mm ²	250 MCM	000 AWG
Recommended wrench	H 13 mm		H 13 mm	
Recommended torque	6 Nm 52 lb.in		28 mm 1.10"	

Lug	Wire size			
	120 mm ²	120 mm ²	500 MCM	500 MCM
Recommended wrench	H 16 mm		H 16 mm	
Recommended torque	10 Nm 87 lb.in		40 mm 1.58"	

Type	Part numbers
BAEH	th. 12 mm 1SNA 116 934 R0400
BADH	th. 12 mm 1SNA 116 900 R2700
BAMH	th. 9,1 mm 1SNA 114 836 R0000
ECP35	1SNA 113 691 R1600
CPP351	1 block 1SNA 168 206 R1700
CPP352	2 blocks 1SNA 168 205 R1600
CPP353	3 blocks 1SNA 163 418 R2600

Type	Part numbers
BAEH	th. 12 mm 1SNA 116 934 R0400
BADH	th. 12 mm 1SNA 116 900 R2700
BAMH	th. 9,1 mm 1SNA 114 836 R0000
ECP42	1SNA 113 692 R1700
CPP421	1 block 1SNA 168 208 R2100
CPP422	2 blocks 1SNA 168 207 R1000
CPP423	3 blocks 1SNA 163 424 R1400

PEP+RC610 for ECP and wire-clamp RC610for CPU cover

PEP+RC610 for ECP and wire-clamp RC610for CPU cover

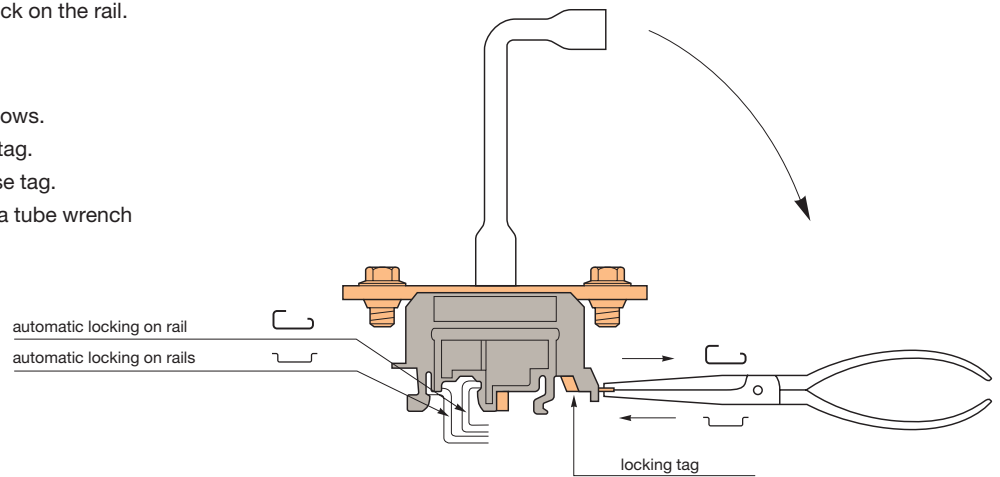
ABB's "positive retention" lock foot

Mounting

The locking action is automatic on mounting the block on the rail.

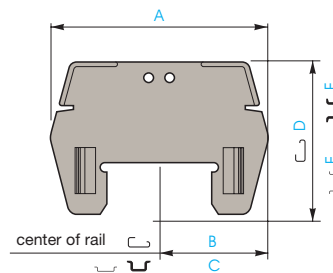
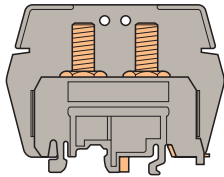
Unlocking

- Pull or push on the locking tag, using pliers as follows.
blocks mounted on DIN 1 rail: pull on the release tag.
blocks mounted on DIN 3 rails: push on the release tag.
- Remove the block from the rail by rotation, using a tube wrench while maintaining the action of the pliers.



Space requirements of blocks with their partition or protective cover

Partitions for TYPE I blocks



Type	Part number	Spac.	A	B	C	D	E	F
ECP26	1SNA 113 689 R2400	26	76	35,5	40,5	67,5	62,5	70
ECP31	1SNA 113 680 R2100	31	84	39,5	44,5	72,5	67,5	75
ECP35	1SNA 113 681 R1600	35	90	42,5	47,5	82,5	77,5	85
ECP42	1SNA 113 682 R1700	42	116	55,5	60,5	104,5	99,5	107

Marker-holder for power blocks

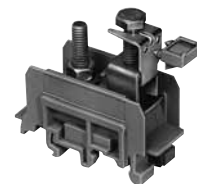
PEP 1SNA 113 762 R2400

This marker-holder can receive :

1 label RC610

This marker-holder snaps on the **ECP** and **ECS** power blocks' partitions, as well as on the type I power blocks' compression clamps.

They can also be mounted on the **SCF** separator end sections.



Adhesive marker

High performance adhesive marker for most surface types. See section on markers.

RPA 1SNA 235 463 R2300