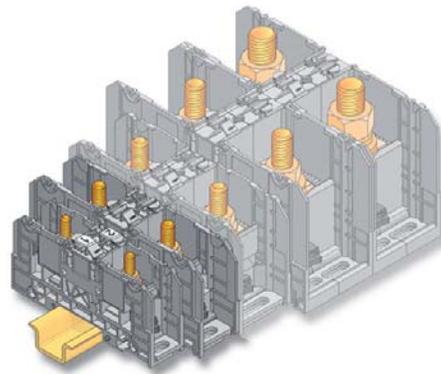


Power terminal blocks



Power terminal blocks

Type I



DIN 1 - DIN 3

DIN mounted power blocks offer the flexibility and safety associated with other Entelec blocks:

- with 1 stud
- with 2 studs
- with 1 stud- 1 wire clamp
- with 2 wire clamps

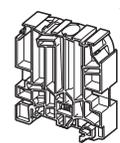
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Rail		32 x 15	PR1Z2	0163 050.04
Rail		35 x 7,5 x 1	PR3	0164 800.03
Rail		35 x 15 x 2,3	PR4	0168 500.12
Rail		35 x 15 x 1,5	PR5	0168 700.22

Other rails: See Accessories section

Notes

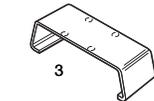
Accessories



1 End stop
(other end stops: see accessories)



2 Partition for cover



3 Protective cover
(marked cut)



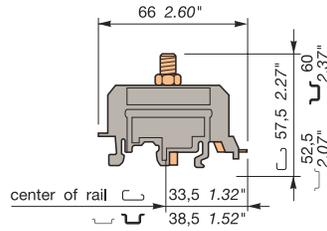
4 Protective cover



R See section on markers
Marking method

M 35/26.F

Spacing 26 mm (1.02")



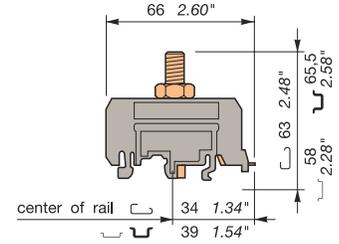
1 stud M6



Color	Type	Part number
Grey	M 35/26.F	0115 141.10

M 70/31.F

Spacing 31 mm (1.22")



1 stud M8



Color	Type	Part number
Grey	M 70/31.F	0115 144.13

Characteristics

Wire size

	DIN	NFC	UL	CSA
Lug	2,5-50 mm ²	4-35 mm ²	10-2 AWG	4 AWG max.
Bar	16 x 4 mm .63" x .16"			
Wire-clamp				

Voltage

V~	Without partition	With partition	IEC	IEC
1000	1000	1000	600	600
8 kV	8 kV	8 kV	600	600

Pollution degree

	IEC	IEC
Rated	3	3

Current

	DIN	NFC	UL	CSA
Rated	125 A	101 A	115 A	125 A

Wire size

Rated / Gauge	35 mm ²	25 mm ²	2 AWG	4 AWG
Lug				
Wire clamp				
Wire stripping length				

Recommended wrench	H 10 mm
Recommended torque	4,5 Nm 39 lb.in

Characteristics

Wire size

	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-70 mm ²	4-00 AWG	0 AWG max.
Bar	20 x 5 mm .78" x .20"			
Wire-clamp				

Voltage

V~	Without partition	With partition	IEC	IEC
1000	1000	1000	600	600
8 kV	8 kV	8 kV	600	600

Pollution degree

	DIN	NFC
Rated	150 A	150 A

Current

Rated/Gauge	50 mm ²	50 mm ²	00 AWG	0 AWG
Lug				
Wire clamp				
Wire stripping length				

Recommended wrench	H 13 mm
Recommended torque	6 Nm 52 lb.in

Type	Part number
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECP26	0113 689.24
CPP261	1 block 0168 202.13
CPP262	2 blocks 0168 201.12
CPP263	3 blocks 0163 403.20
CPU26	0114 882.07

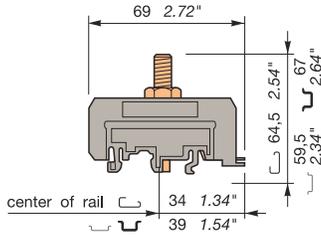
Type	Part number
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECP31	0113 690.21
CPP311	1 block 0168 204.15
CPP312	2 blocks 0168 203.14
CPP313	3 blocks 0163 409.06
CPU31	0114 996.01

⑮ for ECP ⑥ for CPU

⑮ for ECP ⑥ for CPU

M 120/35.F

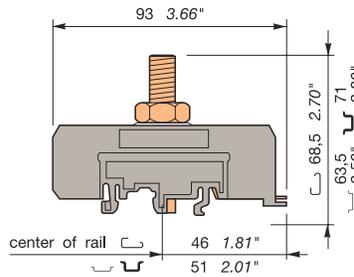
Spacing 35 mm (1.38")



1 stud M8

M 300/42.F

Spacing 42 mm (1.65")



1 stud M10



Color	Type	Part number
Grey	M 120/35.F	0115 147.16

Color	Type	Part number
Grey	M 300/42.F	0115 150.25

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-95 mm ²	2-250 MCM	000 AWG max.
Bar	25 x 5 mm		1" x .20"	
Wire-clamp				
Voltage				
	IEC	IEC		
V ₋₌ Without partition	1000	1000	600	600
V ₋₌ With partition	1000	1000	600	600
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	150 A	192 A	255 A	270 A

Characteristics

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				
Voltage				
	IEC	IEC		
V ₋₌ Without partition	1000	1000	600	600
V ₋₌ With partition	1000	1000	600	600
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	269 A	269 A	230 A	550 A

Wire-size				
Rated	50 mm ²	70 mm ²	250 MCM	000 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 13 mm				
6 Nm 52 lb.in				

Wire-size				
Rated	120 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				

Type		Part numbers
BAEH		th. 12 mm 0116 934.04
BADH		th. 12 mm 0116 900.27
BAMH		th. 9,1 mm 0114 836.00
ECP35		0113 691.16
CPP351	1 block	0168 206.17
CPP352	2 blocks	0168 205.16
CPP353	3 blocks	0163 418.26
CPU35		0116 514.07

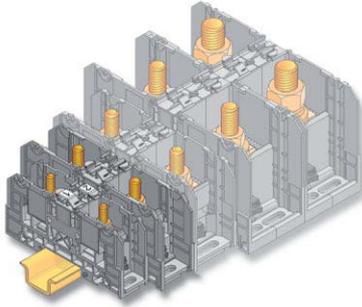
Type		Part numbers
BAEH		th. 12 mm 0116 934.04
BADH		th. 12 mm 0116 900.27
BAMH		th. 9,1 mm 0114 836.00
ECP42		0113 692.17
CPP421	1 block	0168 208.21
CPP422	2 blocks	0168 207.10
CPP423	3 blocks	0163 424.14
CPU42		0116 515.00

15 for ECP 6 for CPU

15 for ECP 6 for CPU

Power terminal blocks

 **DIN 3 with bistable foot and base mounting**



Rail		35 x 7,5 x 1	PR30	prepunched	0173 220.05
Rail		35 x 15 x 2,3	PR4		0168 500.12
Rail		35 x 15 x 1,5	PR5	prepunched	0101 598.26

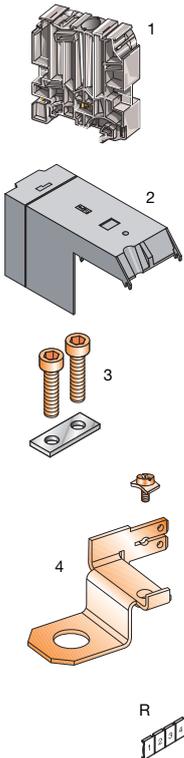
Other rails : See Accessories section

Notes

* NFC 20130
** DIN 46234

Base mounting with M6 screws.
See drilling page 289.

Accessories

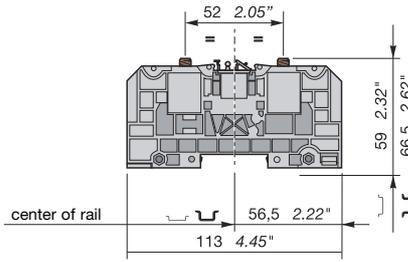


- 1 End stop (other end stops : see accessories)
- 2 Rotating protective cover IP 20
- 3 Jumper bar with CHc screws
2 poles
3 poles
- 4 TAP for Faston 6.35 x 0.8 mm and screw

R See section on markers
Marking method

D 35/27.FF

Spacing 27 mm (1.06")



2 studs M6



Color	Type	Part number
Grey V0 without cover	D35/27.FF	0190 001.20
Grey V0 delivered with two covers	D35/27.FF	0190 033.17

Characteristics

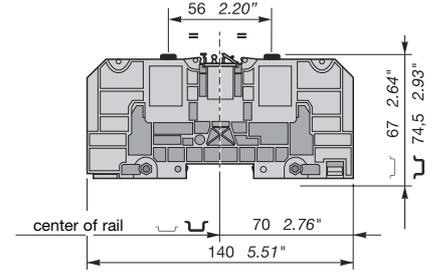
Wire size	IEC		UL CSA	
	NFC*	DIN**	UL	CSA
Lug Solid wire	2,5-35 mm ²	2,5-50 mm ²	1 AWG max.	
C4 Stranded wire	2,5-35 mm ²	2,5-35 mm ²	1 AWG max.	

Rated voltage		Rated current		Rated wire size	
V =~	1000	Nominal	125 A	Nominal	35 mm ²
Pulse	8 kV				
Pollution degree	3				

Recommended wrench	H 10 mm	6 mm Allen key	
Recommended torque	3 Nm 26.1 lb.in	6 Nm 52 lb.in	

D 70/32.FF

Spacing 32 mm (1.26")



2 studs M8



Color	Type	Part number
Grey V0 without cover	D70/32.FF	0190 002.21
Grey V0 delivered with two covers	D70/32.FF	0190 034.10

Characteristics

Wire size	IEC		UL CSA	
	NFC*	DIN**	UL	CSA
Lug Solid wire	6-95 mm ²	6-70 mm ²	000 AWG max.	
C4 Stranded wire	6-70 mm ²	6-70 mm ²	000 AWG max.	

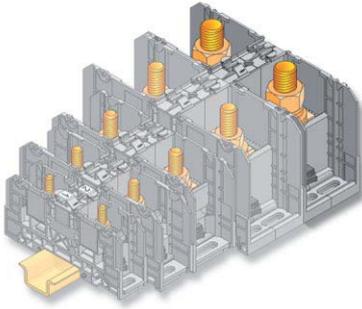
Rated voltage		Rated current		Rated wire size	
V =~	1000	Nominal	192 A	Nominal	70 mm ²
Pulse	8 kV				
Pollution degree	3				

Type	Part number	Type	Part number
BADH th. 12 mm	0116 900.27	BADH  th. 12 mm	0116 900.27
CPUF35 V0 grey	0190 016.16	CPUF70 V0 grey	0190 017.17
BJS27	0205 772.13	BJS32	0205 774.15
BJS27	0205 773.14	BJS32	0205 775.16
DRF6	0205 767.16	DRF8	0205 768.27

On cover :  RC810 On the middle :  RC810 or  RPC

Power terminal blocks

 DIN 3 with bistable foot and base mounting



Rail		35 x 7,5 x 1	PR30	prepunched	0173 220.05
Rail		35 x 15 x 2,3	PR4		0168 500.12
Rail		35 x 15 x 1,5	PR5	prepunched	0101 598.26

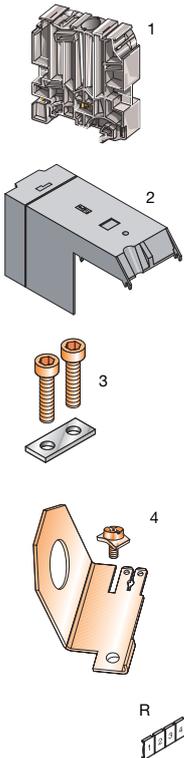
Other rails : See Accessories section

Notes

* NFC 20130
** DIN 46234

Base mounting with M6 screws.
See drilling page 289.

Accessories

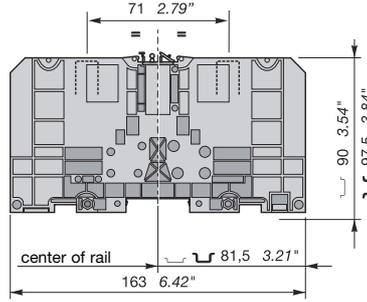


- End stop (other end stops : see accessories)
- Rotating protective cover IP 20
- Jumper bar with CHc screws
2 poles
3 poles
- TAP for Faston 6.35 x 0.8 mm and screw

R See section on markers
Marking method

D 185/55.FF

Spacing 55 mm (2.16")



2 studs M12



Color	Type	Part number
Grey V0 without cover	D185/55.FF	0190 004.23
Grey V0 delivered with two covers	D185/55.FF	0190 036.12

Characteristics

Wire size	IEC		UL CSA	
	NFC*	DIN**	UL	CSA
Lug Solid wire	25-240 mm ²	6-185 mm ²	500 MCM max.	
C11 Stranded wire	6-185 mm ²		500 MCM max.	

Rated voltage	
V =~	1000
Pulse	8 kV
Pollution degree	3

Rated current	
Nominal	353 A

Rated wire size	
Nominal	185 mm ²

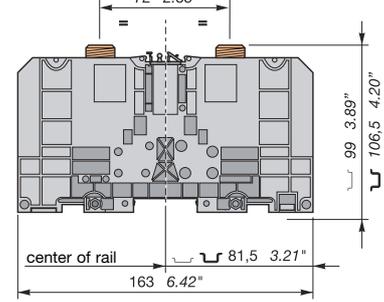
Lug	Central screw	Wire-clamp	Wire stripping length
H 19 mm	6 mm Allen key		
14 Nm 121 lb.in	6 Nm 52 lb.in		

Type	Part number
BADH th. 12 mm	0116 900.27
CPUF185 V0 grey	0190 019.21
BJS551	0205 778.21
BJS551	0205 779.22
DRF12	0205 770.25

On cover :  RC810 On the middle :  RC810 or  RPC

D 300/55.FF

Spacing 55 mm (2.16")



2 studs M16



Color	Type	Part number
Grey V0 without cover	D300/55.FF	0190 005.24
Grey V0 delivered with two covers	D300/55.FF	0190 037.13

Characteristics

Wire size	IEC		UL CSA	
	NFC*	DIN**	UL	CSA
Lug Solid wire	25-300 mm ²	6-300 mm ²	1000 MCM max.	
Stranded wire	6-300 mm ²		1000 MCM max.	

Rated voltage	
V =~	1000
Pulse	8 kV
Pollution degree	3

Rated current	
Nominal	520 A

Rated wire size	
Nominal	300 mm ²

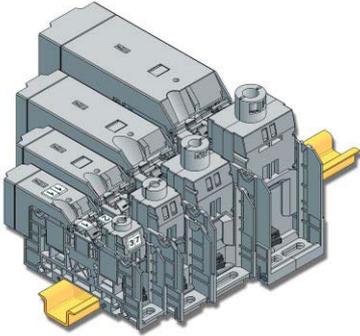
Lug	Central screw	Wire-clamp	Wire stripping length
H 24 mm	6 mm Allen key		
25 Nm 217 lb.in	6 Nm 52 lb.in		

Type	Part number
BADH th. 12 mm	0116 900.27
CPUF185 V0 grey	0190 019.21
BJS551	0205 778.21
BJS551	0205 779.22
DRF16	0205 771.12

On cover :  RC810 On the middle :  RC810 or  RPC

Power terminal blocks

DIN 3 with bistable foot and base mounting



Delivered with cover

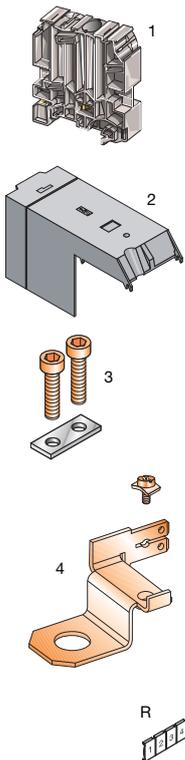
Rail	35 x 7,5 x 1	PR3	0164 800.03
Rail	35 x 15 x 2,3	PR4	0168 500.12
Rail	35 x 15 x 1,5	PR5	0168 700.22
Other rails : See Accessories section			

Notes

* NFC 20130
** DIN 46234

Base mounting with M6 screws.
See drilling, page 289.

Accessories

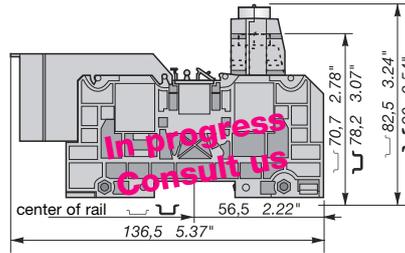


- End stop (other end stops : see accessories)
- Rotating protective cover IP 20
- Jumper bar with CHC screws
2 poles
3 poles
- TAP for Faston 6.35 x 0.8 mm and screw

R See section on markers
Marking method

D 35/27.AF

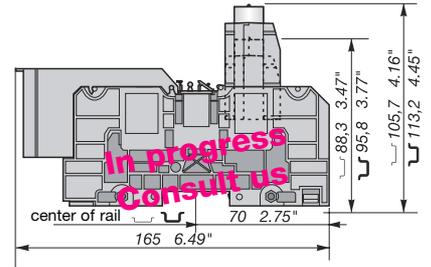
Spacing 27 mm (1.07")



1 stud M6 + 1 wire-clamp with CHC M6 screw

D 70/32.AF

Spacing 32 mm (1.26")



1 stud M8 + 1 wire-clamp with CHC M8 screw



Color	Type	Part number	Color	Type	Part number
Grey V0	D35/27.AF	0190 006.25	Grey V0	D 70/32.AF	0190 007.26

Delivered with covers

Delivered with covers

Characteristics

Wire size	NFC*	DIN**	UL	CSA
Lug Solid wire	2,5-35mm ²	2,5-50mm ²		
C4 Stranded wire	2,5-35mm ²	2,5-35mm ²		
Wire-clamp Solid wire	2,5-40mm ²			
IEC B9 Stranded wire	2,5-35mm ²			
Rated voltage	IEC	IEC		
V =-	1000	1000		
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Rated current	IEC			
Nominal	125 A			

Rated wire size

Nominal	35 mm ²	Wire-clamp	Wire stripping length
Lug	H 10 mm	5 mm Allen Key	28 mm 1.10"
Recommended wrench	3 Nm 26.1 lb.in	6 Nm 52 lb.in	3 Nm 26,3 lb.in
Recommended torque			

Characteristics

Wire size	NFC*	DIN**	UL	CSA
Lug Solid wire	6-95mm ²	6-70 mm ²		
C6 Stranded wire	6-70 mm ²	6-70 mm ²		
Wire-clamp Solid wire	6-95 mm ²			
IEC B11 Stranded wire	6-70 mm ²			
Rated voltage	IEC	IEC		
V =-	1000	1000		
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Rated current	IEC			
Nominal	192 A			

Rated wire size

Nominal	70 mm ²	Wire-clamp	Wire stripping length
Lug	H 13 mm	6 mm Allen Key	33 mm 1.30"
Recommended wrench	6 Nm 52 lb.in	6 Nm 52 lb.in	8 Nm 69,3 lb.in
Recommended torque			

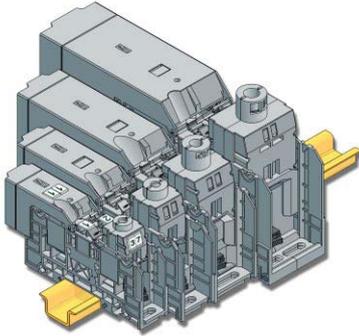
Type	Part number	Type	Part number
BADH	0116 900.27	BADH	0116 900.27
CPUF35	0190 016.16	CPUF70	0190 017.17
BJS27	0205 772.13	BJS32	0205 774.15
BJS27	0205 773.14	BJS32	0205 775.16
DRF6	0205 767.16	DRF8	0205 768.27

On cover : (17) RC 810 On the middle : (17) RC 810 (20) RPC

On cover : (17) RC 810 On the middle : (17) RC 810 (20) RPC

Power terminal blocks

 DIN 3 with bistable foot and base mounting



Delivered with cover

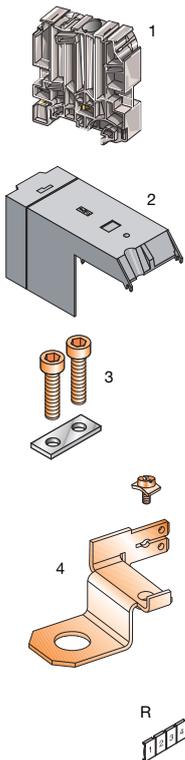
Rail		35 x 7,5 x 1	PR3	0164 800.03
Rail		35 x 15 x 2,3	PR4	0168 500.12
Rail		35 x 15 x 1,5	PR5	0168 700.22
Other rails : See Accessories section				

Notes

* NFC 20130
** DIN 46234

Base mounting with M6 screws.
See drilling, page 289.

Accessories

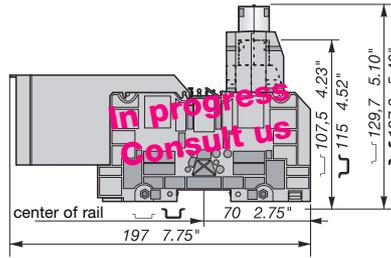


- End stop (other end stops : see accessories)
- Rotating protective cover IP 20
- Jumper bar with CHC screws
2 poles
3 poles
- TAP for Faston 6.35 x 0.8 mm and screw

R See section on markers
Marking method

D 120/42.AF

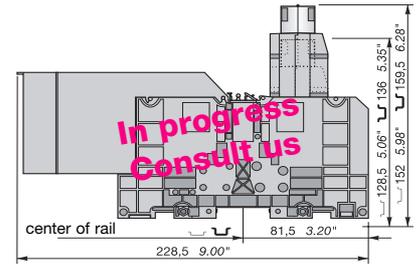
Spacing 42 mm (1.65")



1 stud M10 + wire clamp with CHC M10 screw

D 185/55.AF

Spacing 55 mm (2.16")



1 stud M12 + wire clamp with CHC M12 screw



Color	Type	Part number
Grey V0	 D120/42.AF	0190 008.07

Delivered with covers

Characteristics

Wire size	NFC*	DIN**	UL	CSA
Lug Solid wire	6-150 mm ²	6-120 mm ²		
C8 Stranded wire	6-120 mm ²			
Wire-clamp Solid wire	6-150 mm ²			
IEC B13 Stranded wire	6-120 mm ²			
Rated voltage	IEC	IEC		
V =~	1000	1000		
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Rated current	IEC			
Nominal	269 A			

Rated wire size			
Nominal	Lug	Central screw	Wire-clamp
120 mm ²	H 17 mm	6 mm Allen key	8 mm Allen key
	10 Nm 87 lb.in	6 Nm 52 lb.in	10 Nm 87 lb.in
			Wire stripping length
			38 mm 1.50"

Color	Type	Part number
Grey V0	 D185/55.AF	0190 009.00

Delivered with covers

Characteristics

Wire size	NFC*	DIN**	UL	CSA
Lug Solid wire	25-240 mm ²	6-185 mm ²		
C11 Stranded wire	6-185 mm ²	6-185 mm ²		
Wire-clamp Solid wire	25-240 mm ²			
IEC B15 Stranded wire	25-185 mm ²			
Rated voltage	IEC	IEC		
V =~	1000	1000		
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Rated current	IEC			
Nominal	353 A			

Rated wire size			
Nominal	Lug	Central screw	Wire-clamp
185 mm ²	H 19 mm	6 mm Allen key	10 mm Allen key
	14 Nm 121 lb.in	6 Nm 52 lb.in	14 Nm 121 lb.in
			Wire stripping length
			47 mm 1.85"

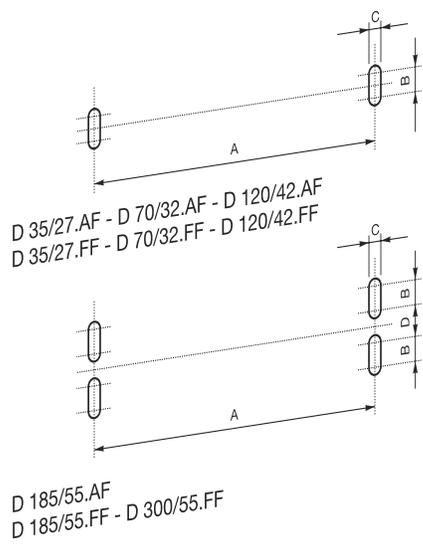
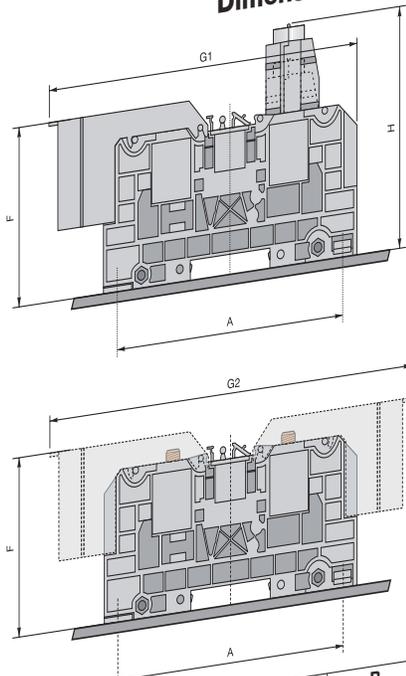
Type	Part number
BADH  th. 12 mm	0116 900.27
CPUF120 V0 grey	0190 018.20
BJS42	0205 776.17
BJS42	0205 777.10
DRF10	0205 769.20

Type	Part number
BADH  th. 12 mm	0116 900.27
CPUF185 V0 grey	0190 019.21
BJS551	0205 778.21
BJS551	0205 779.22
DRF12	0205 770.25

On cover :  RC 810 On the middle :  RC 810  RPC

On cover :  RC 810 On the middle :  RC 810  RPC

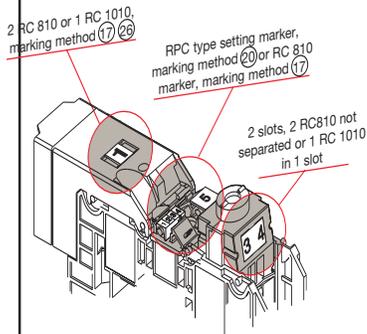
Drilling for panel mounting. Dimensions for terminal blocks with covers.



Type	Mounting with:	A	B	C	D	F	G1	G2	H
D 35/27...	2 Screws	100,5	7,5	6,5	/	63,5	136,5	160	82,5
D 70/32...	2 Screws	120	7,5	6,5	/	72,5	165	190,5	105,7
D 120/42...	2 Screws	120	7,5	6,5	/	83,5	197	255,5	129,7
D 185/55...	4 Screws	135	13,5	6,5	8,5	103,5	228,5	295	151,5
D 300/55...	4 Screws	135	13,5	6,5	8,5	105	/	295	/

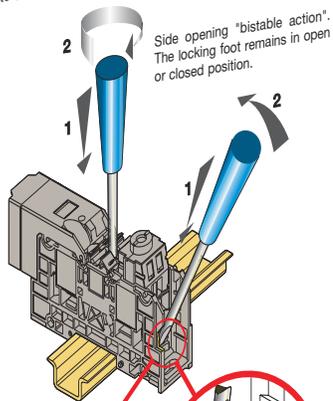
Dimensions in mm.

Marking

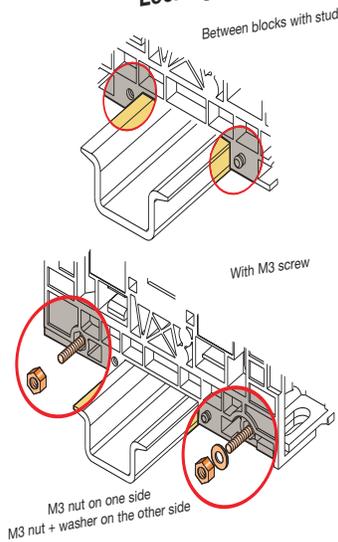


Locking foot operated with screwdriver DIA. 4

Center opening (to be made after jumper bar has been removed) "monostable action". When the screwdriver is removed, the locking foot returns to the closed position

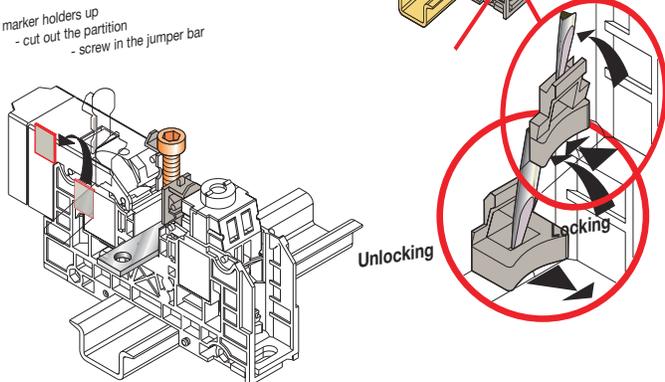


Locking

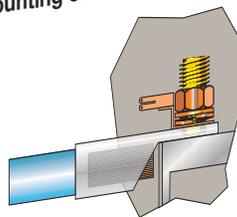


Jumper bar.

- move the marker holders up
- cut out the partition
- screw in the jumper bar



Mounting of the derivative system



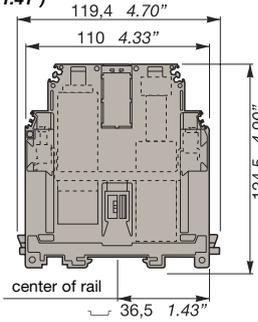
Standard terminal blocks

Compression clamp

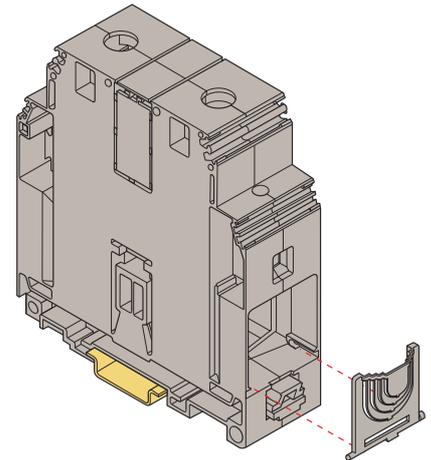
DIN 3

D 240/36.D10

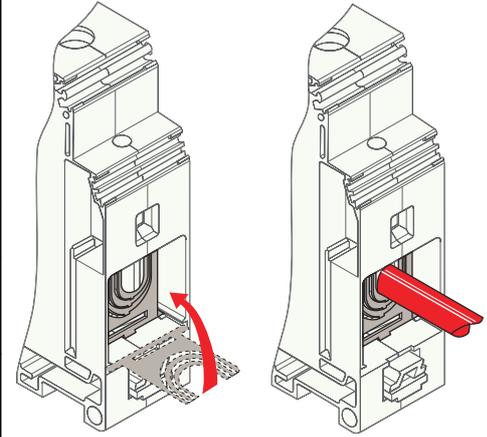
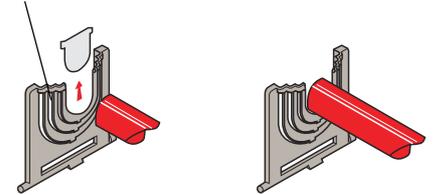
Spacing 36 mm (1.41")



Standard 36 mm block. Delivered with end plate and 10 mm² (6 AWG) output.



Partition to cut to fit the wire diameter.



End stop	th. 9,1 mm	BAMH	0114 836.00
End stop	th. 12 mm	BADH	0116 900.27
Rail	35 x 7,5 x 1	PR30 prepunched	0173 220.05
Rail	35 x 15 x 2,3	PR4	0168 500.12
Rail	35 x 15 x 1,5	PR5 prepunched	0101 598.26

Other end stops and rails : See Accessories section

Notes

- * In the wire entry :
 - Accessory CPBP2 needed
 - IP10 without the accessory.

		CE	
--	--	----	--

Color	Type	Part numbers
Grey	D 240/36.D10	0399 704.12
Blue	D 240/36.D10.N	0399 706.14
Green/Yellow	D 240/36.D10.PI	0399 705.13

Characteristics

	Wire size	IEC	UL	CSA
		NFC DIN		
Main circuit	Solid wire	50-300 mm ²	0 AWG-600 MCM	
Comp. clamp	Stranded wire	35-240 mm ²	2 AWG-500 MCM	
Output	Solid wire	0,5-16 mm ²		
Comp. clamp	Stranded wire	0,5-10 mm ²	18-6 AWG	18-6 AWG

Voltage

Rated	1000 V	600 V	600 V
Pulse	8 kV		
Pollution degree	3		

Current Rated

Main circuit	415 A	400 A	400 A
Output	57 A	70 A	

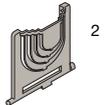
Wire size Rated / Gauge

Main circuit	240 mm ² / B14	500 MCM	500 MCM
Output	10 mm ² / B14	6 AWG	6 AWG

	Wire strip. length	Tools	Recomm. torque	Protection
Main circuit	35 mm	10 mm Allen Key	14-30 Nm	IP 20 *
	1.37"	0.39"	124-260 lb.in	
Output	12 mm	Screwdriver Ø 4 mm	1,2-1,4 Nm	
	0.47"		10.6-12.3 lb.in	

Accessories

- Jumper bar not assembled
- IP20 cover



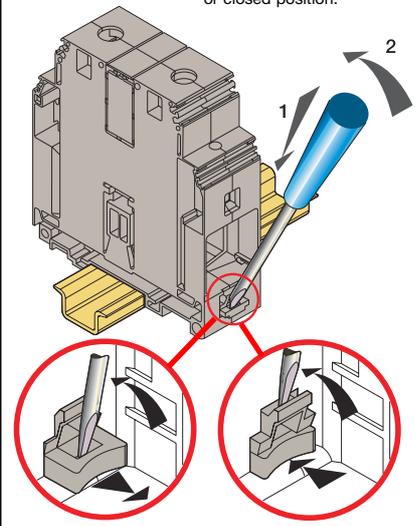
2

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

	Consult us
CPBP2	0399 787.05

Locking foot operating with screwdriver DIA. 4

Side opening "bistable action". The locking foot remains in open or closed position.



Unlocking

Locking

R See section on markers marking method



R

RC1010	(26)	(17)	(11)	(10)	(6)	(3)
--------	------	------	------	------	-----	-----

Power terminal blocks

Type I

DIN 1 - DIN 3

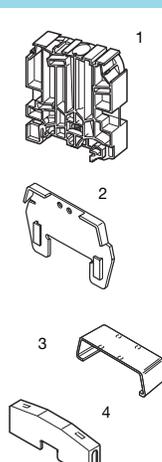


Rail		32 x 15	PR1Z2	0163 050.04
Rail		35 x 7,5 x 1	PR3	0164 800.03
Rail		35 x 15 x 2,3	PR4	0168 500.12
Rail		35 x 15 x 1,5	PR5	0168 700.22

Other rails : See Accessories section.

Notes

Accessories

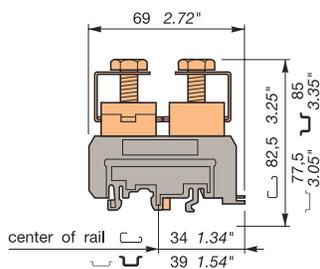


- End stop (other end stops: see accessories)
- Partition for cover
- Protective cover (marked cut)
- Protective cover

R See section on markers

M 120/35

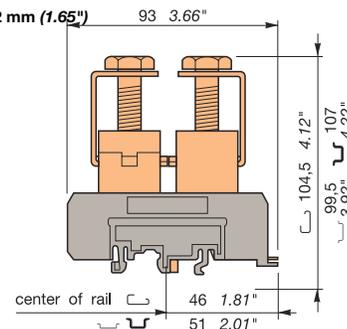
Spacing 35 mm (1.38")



2 wire-clamps with HM8 screw

M 300/42

Spacing 42 mm (1.65")



2 wire-clamps with HM10 screw



Color	Type	Part numbers
Grey	M 120/35	0115 250.01
Beige V0	M 120/35.V0	0195 250.02

Color	Type	Part numbers
Grey	M 300/42	0115 251.26
Beige V0	M 300/42.V0	0195 251.27

Characteristics

Wire size	Wire size			
	DIN	NFC	UL	CSA
Lug				
Bar				
Wire-clamp	35-120 mm ²	35-120 mm ²	2-250 MCM	
	IEC	IEC		
Voltage	Voltage			
	DIN	NFC	UL	CSA
V~ Without partition	1000	1000	600	
V~ With partition	1000	1000	600	
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Current	Current			
	DIN	NFC	UL	CSA
Rated	232 A	232 A	255 A	

Characteristics

Wire size	Wire size			
	DIN	NFC	UL	CSA
Lug				
Bar				
Wire-clamp	70-300 mm ²	70-300 mm ²	1-00 AWG	
	IEC	IEC		
Voltage	Voltage			
	DIN	NFC	UL	CSA
V~ Without partition	1000	1000		
V~ With partition	1000	1000		
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Current	Current			
	DIN	NFC	UL	CSA
Rated	415 A	415 A	175 A	

Wire-size				Wire-size			
Rated	95 mm ²	95 mm ²	250 MCM	Rated	240 mm ²	240 mm ²	00 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length	Lug	Central bolt	Wire-clamp	Wire stripping length
		H 13 mm	28 mm 1.10"			H 16 mm	40 mm 1.58"
Recommended wrench							
Recommended torque		6 Nm 52 lb.in				10 Nm 87 lb.in	

Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECP35	0113 691.16
CPP351	1 block 0168 206.17
CPP352	2 blocks 0168 205.16
CPP353	3 blocks 0163 418.26
CPU35	0116 514.07

Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECP42	0113 692.17
CPP421	1 block 0168 208.21
CPP422	2 blocks 0168 207.10
CPP423	3 blocks 0163 424.14
CPU42	0116 515.00

(15) for ECP and wire-clamp (6) for CPU

(15) for ECP and wire-clamp (6) for CPU

Power terminal blocks

Type II

DIN 1 - DIN 3

DIN mounted power blocks offer the flexibility and safety associated with other Entelec blocks:

- with 2 screws
- with 2 wire clamps
- with 1 screw - 1 wire clamp

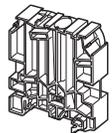
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

Rail		32 x 15	PR1Z2	0163 050.04
Rail		35 x 7,5 x 1	PR3	0164 800.03
Rail		35 x 15 x 2,3	PR4	0168 500.12
Rail		35 x 15 x 1,5	PR5	0168 700.22

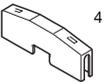
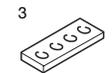
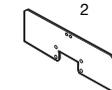
Other rails: See Accessories section

Notes

Accessories



- End stop (other end stops: see Accessories)
- Partition
- Jumper bar 2 poles
3 poles
- Protective cover

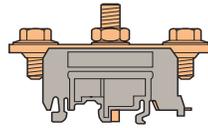


R See section on markers
Marking method

M 35/26.EE

Spacing 26 mm (1.02")

Partition required
see size on page 298

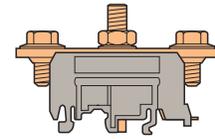


1 stud 15 x 3mm / .59"x.12" with
- 2 screws HM6 for lug or bar
- 1 central bolt HM6 for transversal connection

M 70/31.EE

Spacing 31 mm (1.22")

Partition required
see size on page 298



1 stud 20 x 3mm / .78"x.12" with
- 2 screws HM8 for lug or bar
- 1 central bolt HM8 for transversal connection



Color	Type	Part numbers
Grey	M 35/26.EE	0115 151.12
Beige V0	M 35/26.EE.V0	0195 151.13

Color	Type	Part numbers
Grey	M 70/31.EE	0115 154.15
Beige V0	M 70/31.EE.V0	0195 154.16

Characteristics

Wire size	Wire size			
	DIN	NFC	UL	CSA
Lug	2,5-35 mm ²	4-35 mm ²	10-2 AWG	4 AWG max.
Bar	15 x 3 mm .59" x .12"			
Wire-clamp				
	IEC	IEC		
Voltage	Voltage			
V~ = Without partition				
With partition	1000	1000	600	600
Pulse	12 kV	12 kV		
Pollution degree	3	3		
Current	DIN	NFC		
Rated	101 A	101 A	115 A	125 A

Characteristics

Wire size	Wire size			
	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-70 mm ²	4-00 AWG	0 AWG max.
Bar	20 x 3 mm .78" x .12"			
Wire-clamp				
	IEC	IEC		
Voltage	Voltage			
V~ = Without partition				
With partition	1000	1000	600	600
Pulse	12 kV	12 kV		
Pollution degree	3	3		
Current	DIN	NFC		
Rated	150 A	150 A	175 A	200 A

Wire size	Wire size			
	DIN	NFC	UL	CSA
Rated / Gauge	25 mm ²	25 mm ²	2 AWG	4 AWG
	Lug	central bolt	Wire clamp	Wire stripping length
Recommended wrench	H 10 mm	H 10 mm		
Recommended torque	4,5 Nm 39 lb.in	4,5 Nm 39 lb.in		

Wire size	Wire size			
	DIN	NFC	UL	CSA
Rated/gauge	50 mm ²	50 mm ²	00 AWG	0 AWG
	Lug	central bolt	Wire clamp	Wire stripping length
	H 13 mm	H 13 mm		
	6 Nm 52 lb.in	6 Nm 52 lb.in		

Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECS26	0168 838.00
BJS26	(15 x 3) 0168 864.02
BJS26	(15 x 3) 0168 865.03
CPU26	0114 882.07

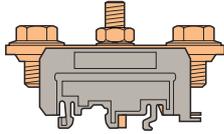
Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECS26	0168 838.00
BJS31	(20 x 3) 0168 866.04
BJS31	(20 x 3) 0168 867.05
CPU31	0114 996.01

(15) for ECS (6) for CPU

(15) for ECS (6) for CPU

M 150/35.EE

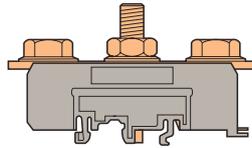
Spacing 35 mm (1.38")
 Partition required
 see size on page 298



1 stud 25 x 3,15mm / 1"x.124" with
 - 2 screws HM10 for lug or bar
 - 1 central bolt HM8 for transversal connection

M 300/42.EE1

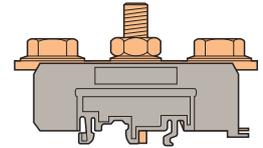
Spacing 42 mm (1.65")
 Partition required
 see size on page 298



1 stud 31,5 x 3,15mm / 1.24"x.124" with
 - 2 screws HM10 for lug or bar
 - 1 central bolt HM10 for transversal connection

M 185/42.EE

Spacing 42 mm (1.65")
 Partition required
 see size on page 298



1 stud 31,5 x 3,15mm / 1.24"x.124" with
 - 2 screws HM12 for lug or bar
 - 1 central bolt HM10 for transversal connection



Color	Type	Part number	Color	Type	Part number	Color	Type	Part number
Grey	M 150/35.EE	0115 156.17	Grey	M 300/42.EE1	0115 195.07	Grey	M 185/42.EE	0115 159.22

Characteristics

Wire size	DIN	NFC	UL	CSA
	Lug			
Bar	6-120 mm ²	10-95 mm ²	14-250 MCM	000 AWG max
Wire-clamp		25 x 3,15 mm	1" x .124"	
Voltage	IEC	IEC		
	V~ Without partition			
V~ With partition	1000	1000	600	600
Pulse	12 kV	12 kV		
Pollution degree	3	3		

Characteristics

Wire size	DIN	NFC	UL	CSA
	Lug	6-150 mm ²	10-150 mm ²	8-350 MCM
Bar		31,5 x 3,15 mm	1.24" x .124"	
Wire-clamp				
Voltage	IEC	IEC		
	V~ Without partition			
V~ With partition	1000	1000	600	600
Pulse	8 kV	8 kV		
Pollution degree	3	3		

Characteristics

Wire size	DIN	NFC	UL	CSA
	Lug	6-150 mm ²	10-150 mm ²	14-300 MCM
Bar		31,5 x 3,15 mm	1.24" x .124"	
Wire-clamp				
Voltage	IEC	IEC		
	V~ Without partition			
V~ With partition	1000	1000	600	600
Pulse	12 kV	12 kV		
Pollution degree	3	3		

Current	DIN	NFC		
Rated	232 A	192 A	255 A	270 A
Wire-size	232 A	192 A	255 A	270 A
Rated				
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 16 mm	H 13 mm			
10 Nm 87 lb.in	6 Nm 52 lb.in			

Current	DIN	NFC		
Rated	269 A	269 A	310 A	310 A
Wire-size	120 mm ²	120 mm ²	350 MCM	250 MCM
Rated				
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 16 mm	H 16 mm			
10 Nm 87 lb.in	10 Nm 87 lb.in			

Current	DIN	NFC		
Rated	269 A	269 A	285 A	310 A
Wire-size	120 mm ²	120 mm ²	300 MCM	250 MCM
Rated				
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 18 mm	H 18 mm			
15,5 Nm 134 lb.in	10 Nm 87 lb.in			

Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECS35	0168 841.03
BJS35	(25 x 3,15) 0168 868.16
BJS35	(25 x 3,15) 0168 869.17
CPU35	0116 514.07

Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECS42	0168 843.05
BJS421	(31,5 x 3,15) 0168 870.14
BJS421	(31,5 x 3,15) 0168 871.01
CPU42	0116 515.00

Type	Part numbers
BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00
ECS42	0168 843.05
BJS421	(31,5 x 3,15) 0168 870.14
BJS421	(31,5 x 3,15) 0168 871.01
CPU42	0116 515.00

15 for ECS 6 for CPU

15 for ECS 6 for CPU

15 for ECS 6 for CPU

Power terminal blocks

Type II



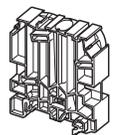
DIN 1 - DIN 3

Rail		32 x 15	PR1Z2	0163 050.04
Rail		35 x 7,5 x 1	PR3	0164 800.03
Rail		35 x 15 x 2,3	PR4	0168 500.12
Rail		35 x 15 x 1,5	PR5	0168 700.22

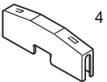
Other rails: See Accessories section

Notes

Accessories



- End stop (other end stops: see Accessories)
- Partition
- Jumper bar 2 poles
3 poles
- Protective cover

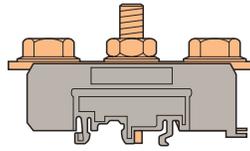


R See section on markers
Marking method

M 300/42.EE

Spacing 42 mm (1.65")

Partition required
see size on page 298

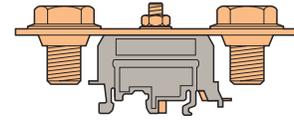


1 stud 31,5 x 5mm / 1.24"x.20" with
- 2 screws HM12 for lug or bar
- 1 central bolt HM10 for transversal connection

M 400/52.EE

Spacing 52 mm (2.05")

Partition required
see size on page 298



1 stud 40 x 5mm / 1.57"x.20" with
- 2 screws HM16 for lug or bar
- 2 central bolts HM6 for transversal connection



Color	Type	Part number	Color	Type	Part number
Grey	M 300/42.EE	0115 160.27	Grey	M 400/52.EE	0115 163.16

Characteristics

Wire size

	DIN	NFC	UL	CSA
Lug	6-300 mm ²		14-400 MCM	500 MCM
Bar		31,5 x 5 mm	1.24" x .20"	

Wire-clamp

IEC IEC

Voltage

V~=	Without partition	With partition	1000	1000	600	600
Pulse	8 kV	8 kV				

Current

Rated	DIN	NFC	353 A	335 A	550 A
Rated	415 A	415 A	400 A	550 A	

Wire size

Rated / Gauge	185 mm ²	400 MCM	500 MCM
Lug	H 18 mm		
Central bolt	H 18 mm		
Wire clamp			
Wire stripping length			

Recommended wrench	H 18 mm	H 18 mm
Recommended torque	15,5 Nm 134 lb.in	10 Nm 87 lb.in

Characteristics

Wire size

	DIN	NFC	UL	CSA
Lug	25-400 mm ²	95-300 mm ²	00-500 MCM	500 MCM
Bar		40 x 5 mm	1.57" x .20"	

Wire-clamp

IEC IEC

Voltage

V~=	Without partition	With partition	1000	1000	600	600
Pulse	8 kV	8 kV				

Current

Rated	DIN	NFC	415 A <th>415 A <th>400 A <th>550 A </th></th></th>	415 A <th>400 A <th>550 A </th></th>	400 A <th>550 A </th>	550 A
Rated	415 A	415 A	400 A	550 A		

Wire size

Rated/gauge	240 mm ²	240 mm ²	500 MCM	500 MCM
Lug	H 24 mm			
Central bolt	H 10 mm			
Wire clamp				
Wire stripping length				

Recommended wrench	H 24 mm	H 10 mm
Recommended torque	30 Nm 260 lb.in	4,5 Nm 39 lb.in

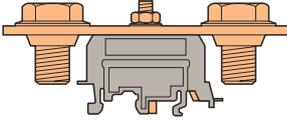
Type	Part numbers	Type	Part numbers
BAEH	th. 12 mm 0116 934.04	BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27	BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00	BAMH	th. 9,1 mm 0114 836.00
ECS421	0168 844.06	ECS52	0168 840.16
BJS422	(31,5 x 5) 0168 872.02	BJS521	(40 x 5) 0168 874.04
BJS422	(31,5 x 5) 0168 873.03	BJS521	(40 x 5) 0168 875.05
CPU42	0116 515.00	CPU52	0116 599.15

15 for ECS 6 for CPU

15 for ECS 6 for CPU

M 400/52.EE1

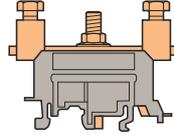
Spacing 52 mm (2.05")
 Partition required
 see size on page 298



1 stud 40 x 6mm / 1.57"x.24" with
 - 2 screws HM16 for lug or bar
 - 2 central bolts HM6 for transversal connection

M 35/26

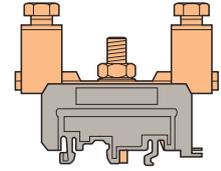
Spacing 26 mm (1.02")
 Partition required
 see size on page 298



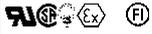
1 stud 15 x 3mm / .59"x.12" with
 - 2 wire-clamps with screw HM6
 - 1 central bolt HM6 for transversal connection

M 95/35

Spacing 35 mm (1.38")
 Partition required
 see size on page 298



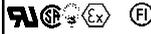
1 stud 25 x 3,15mm / 1"x.124" with
 - 2 wire-clamps with screw HM8
 - 1 central bolt HM8 for transversal connection



Color	Type	Part number
Grey	M 400/52.EE1	0115 164.17



Color	Type	Part number
Grey	M 35/26	0115 152.13



Color	Type	Part number
Grey	M 95/35	0115 157.10

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug	25-400 mm ²		00-500 MCM	600 MCM
Bar		40 x 6 mm	1.57" x .24"	
Wire-clamp				
Voltage				
	IEC	IEC		
V~ Without partition				
V~ With partition	1000	1000	600	600
Pulse	8 kV	8 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	520 A		400 A	630 A
Wire-size				
Rated	300 mm ²		500 MCM	600 MCM
Lug	Central bolt	Wire-clamp	Wire stripping length	
H 24 mm	H 10 mm			
30 Nm 260 lb.in	4,5 Nm 39 lb.in			

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug				
Bar				
Wire-clamp	0,5-35 mm ²	0,5-35 mm ²	10-2 AWG	4-10 AWG
Voltage				
	IEC	IEC		
V~ Without partition				
V~ With partition	1000	1000	600	600
Pulse	12 kV	12 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	101 A	101 A	115 A	125 A
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	18 mm .71"	
	4,5 Nm 39 lb.in	4,5 Nm 39 lb.in		

Characteristics

Wire size				
	DIN	NFC	UL	CSA
Lug				
Bar				
Wire-clamp	35-95 mm ²	35-95 mm ²	2-4/0 AWG	2-000 AWG
Voltage				
	IEC	IEC		
V~ Without partition				
V~ With partition	1000	1000	600	600
Pulse	12 kV	12 kV		
Pollution degree	3	3		
Current				
	DIN	NFC		
Rated	150 A	150 A	230 A	270 A
Wire-size				
Rated	50 mm ²	50 mm ²	0000 AWG	000 AWG
Lug	Central bolt	Wire-clamp	Wire stripping length	
	H 13 mm	H 13 mm	24 mm .95"	
	6 Nm 52 lb.in	6 Nm 52 lb.in		

Type		Part numbers
BAEH		th. 12 mm 0116 934.04
BADH		th. 12 mm 0116 900.27
BAMH		th. 9,1 mm 0114 836.00
ECS52		0168 840.16
BJS522	(40 x 6)	0168 876.06
BJS522	(40 x 6)	0168 877.07
CPU52		0116 599.15

Type		Part numbers
BAEH		th. 12 mm 0116 934.04
BADH		th. 12 mm 0116 900.27
BAMH		th. 9,1 mm 0114 836.00
ECS26		0168 838.00
BJS26	(15 x 3)	0168 864.02
BJS26	(15 x 3)	0168 865.03
CPU26		0114 882.07

Type		Part numbers
BAEH		th. 12 mm 0116 934.04
BADH		th. 12 mm 0116 900.27
BAMH		th. 9,1 mm 0114 836.00
ECS351		0168 842.04
BJS35	(25 x 3,15)	0168 868.16
BJS35	(25 x 3,15)	0168 869.17
CPU35		0116 514.07

15 for ECS 6 for CPU

15 for ECS 6 for CPU

15 for ECS 6 for CPU

Power terminal blocks

Type II



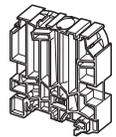
DIN 1 - DIN 3

Rail		32 x 15	PR1Z2	0163 050.04
Rail		35 x 7,5 x 1	PR3	0164 800.03
Rail		35 x 15 x 2,3	PR4	0168 500.12
Rail		35 x 15 x 1,5	PR5	0168 700.22

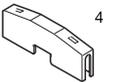
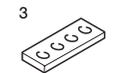
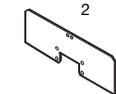
Other rails: See Accessories section

Notes

Accessories



- End stop (other end stops: see Accessories)
- Partition
- Jumper bar 2 poles
3 poles
- Protective cover



R See section on markers

Marking

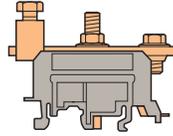
Ⓜ for ECS Ⓜ for CPU

method

M 35/26.AE

Spacing 26 mm (1.02")

Partition required
see size on page 298



- 1 stud 15 x 3mm / .59"x.12" with
- 1 wire clamp with HM6 screw
- 1 screw HM6
- 1 central bolt HM6 for transversal connection



Color	Type	Part number
Grey	M 35/26.AE	0115 153.14

Characteristics

Wire size

	DIN	NFC	UL	CSA
Lug	2,5-35 mm ²	4-35 mm ²	10-2 AWG	10-4 AWG
Bar		15 x 3 mm	.59" x .12"	
Wire-clamp	0,5-35 mm ²	4-35 mm ²	10-2 AWG	10-4 AWG

Voltage

V~ =	Without partition	With partition	Without partition	With partition
1000	1000	600	600	600

Pulse 12 kV 12 kV

Pollution degree 3 3

Current DIN NFC

Rated 101 A 101 A 115 A 125 A

Wire size Rated / Gauge 25 mm² 25 mm² 2 AWG 4 AWG

Lug Central bolt Wire clamp Wire stripping length

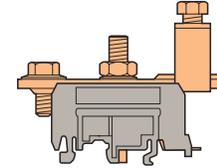
Recommended wrench H 10 mm H 10 mm H 10 mm 18 mm .71"

Recommended torque 4,5 Nm 39 lb.in 4,5 Nm 39 lb.in 4,5 Nm 39 lb.in

M 70/31.AE

Spacing 31 mm (1.22")

Partition required
see size on page 298



- 1 stud 30 x 3mm / .78"x.12" with
- 1 wire clamp with HM8 screw
- 1 screw HM8
- 1 central bolt HM8 for transversal connection



Color	Type	Part number
Grey	M 70/31.AE	0115 155.16

Characteristics

Wire size

	DIN	NFC	UL	CSA
Lug	2,5-70 mm ²	6-70 mm ²	4-00 AWG	0 AWG Max.
Bar		20 x 3 mm	.78" x .12"	
Wire-clamp	25-70 mm ²	25-70 mm ²		6-0 AWG

Voltage

V~ =	Without partition	With partition	Without partition	With partition
1000	1000	1000	600	600

Pulse 12 kV 12 kV

Pollution degree 3 3

Current DIN NFC

Rated 150 A 150 A 175 A 200 A

Wire size Rated/gauge 50 mm² 50 mm² 00 AWG 0 AWG

Lug Central bolt Wire clamp Wire stripping length

Recommended wrench H 13 mm H 13 mm H 13 mm 22 mm .87"

Recommended torque 6 Nm 52 lb.in 6 Nm 52 lb.in 6 Nm 52 lb.in

Accessories

Type	Part numbers	Type	Part numbers
BAEH	th. 12 mm 0116 934.04	BAEH	th. 12 mm 0116 934.04
BADH	th. 12 mm 0116 900.27	BADH	th. 12 mm 0116 900.27
BAMH	th. 9,1 mm 0114 836.00	BAMH	th. 9,1 mm 0114 836.00
ECS26	0168 838.00	ECS31	0168 839.01
BJS26	(15 x 3) 0168 864.02	BJS31	(20 x 3) 0168 866.04
BJS26	(15 x 3) 0168 865.03	BJS31	(20 x 3) 0168 867.05
CPU26	0114 882.07	CPU31	0114 996.01

Ⓜ for ECS Ⓜ for CPU

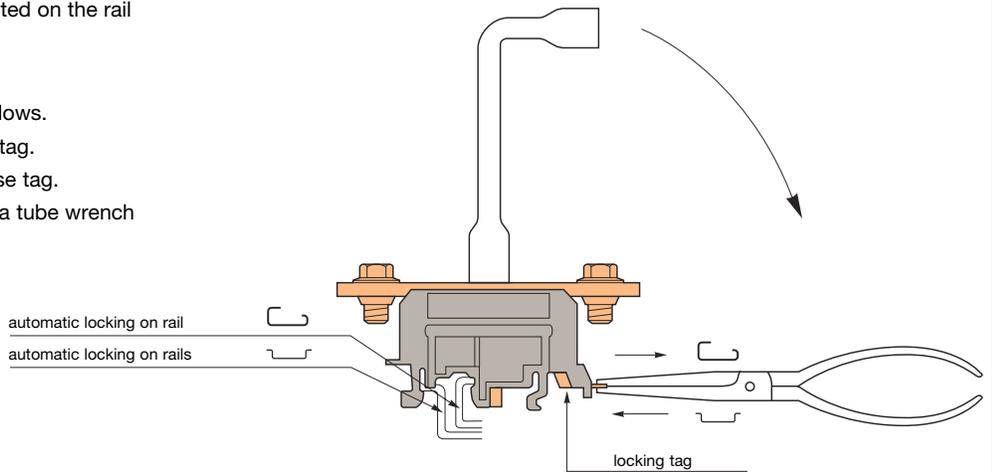
ENTRELEC's "positive retention" lock foot

Mounting

The locking action is automatic when block is mounted on the rail

Unlocking

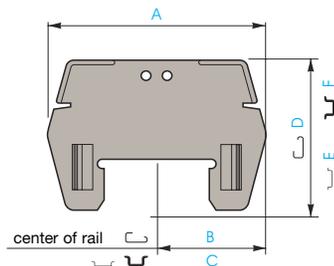
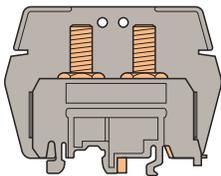
- Pull or push on the locking tag, using pliers as follows.
 blocks mounted on DIN 1 rail: pull on the release tag.
 blocks mounted on DIN 3 rails: push on the release tag.
- Remove the block from the rail by rotation, using a tube wrench while maintaining the action of the pliers.



Space requirements of blocks with their partition or protective cover.

Partitions for TYPE I blocks

Marking method 15

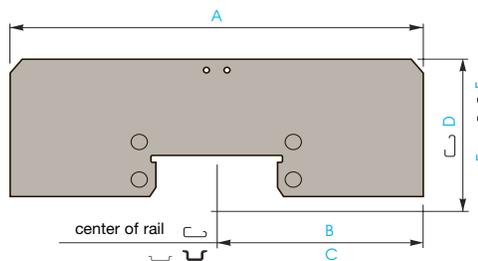
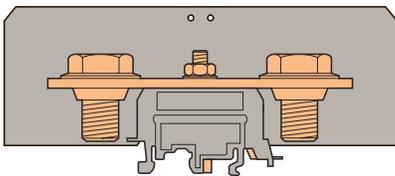


The spacing of the terminal blocks is not changed when partitions are used. All dimensions in mm.

Type	Part number	Spac.	A	B	C	D	E	F
ECP26	0113 689.24	26	76	35,5	40,5	67,5	62,5	70
ECP31	0113 690.21	31	84	39,5	44,5	72,5	67,5	75
ECP35	0113 691.16	35	90	42,5	47,5	82,5	77,5	85
ECP42	0113 692.17	42	116	55,5	60,5	104,5	99,5	107

Partitions for TYPE II blocks

Marking method 15

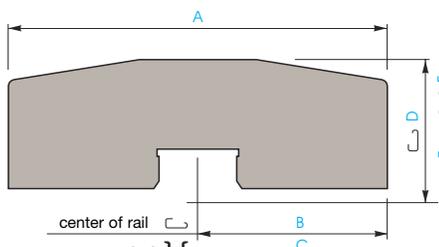
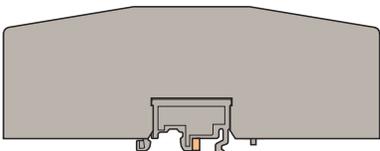


The spacing of the terminal blocks is not changed when partitions are used. All dimensions in mm.

Type	Part number	A	B	C	D	E	F
ECS26	0168 838.00	170	82,5	87,5	72,5	67,5	75
ECS35	0168 841.03	170	82,5	87,5	72,5	67,5	75
ECS42	0168 843.05	170	82,5	87,5	72,5	67,5	75
ECS421	0168 844.06	260	127,5	132,5	82,5	77,5	85
ECS52	0168 840.16	260	127,5	132,5	82,5	77,5	85
ECS31	0168 839.01	170	82,5	87,5	97,5	92,5	100
ECS351	0168 842.04	170	82,5	87,5	97,5	92,5	100

Protective cover for TYPE I and TYPE II

Marking method 6



The spacing of the terminal blocks is not changed when partitions are used. All dimensions in mm.

Type	Part number	Spac.	A	B	C	D	E	F
CPU26	0114 882.07	26	170	82,5	87,5	72,5	67,5	75
CPU31	0114 996.01	31	170	82,5	87,5	85,5	80,5	88
CPU35	0116 514.07	35	230	12,5	17,5	92,5	87,5	95
CPU42	0116 515.00	42	230	12,5	17,5	110,5	105,5	113
CPU52	0116 599.15	52	230	12,5	17,5	105,5	100,5	108