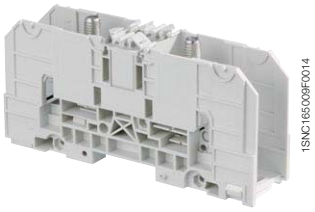
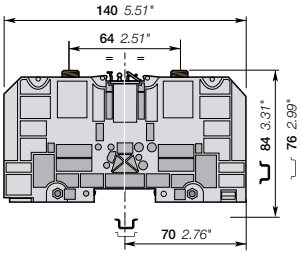
D120/42.FF power terminal blocks
Feed-through - 42 mm *1.653 in* spacing

120 mm²
300 Kcmil



D120/42.FF



42 mm *1.653 in* spacing

Description

- Rated cross section up to 300 mm² / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

Ordering details

Description		Color	Type	Order code		Pkg qty	Weight (1 pce) g
Feed-through	2 studs M10 without cover	Grey	D120/42.FF	1SNA190003R2200		1	423.00

Main technical data

Connecting capacity		NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded	6-150 mm²	6-120 mm²	*300 Kcmil*	
	Flexible	6-120 mm²			
	Gauge	C8			

		IEC	UL	CSA
Screw clamp	Rigid - Solid / Stranded			
	Flexible			
	Gauge			

	IEC	UL	CSA
Bar			
Rated current	269 A	*269 A*	
Rated cross section	120 mm²	*300 Kcmil*	
Rated voltage	1000 V	*600 V*	
Impulse withstand voltage	8000 V		

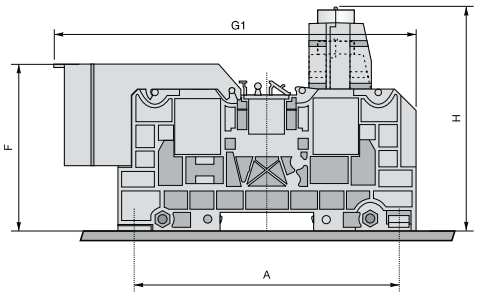
Mounting instructions

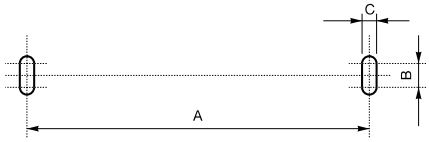
Rail		TH 35-7.5, TH 35-15
Lugs Tool		Wrench H17 mm
Torque		10 - 20 N.m *87 - 174 lb.in*
Jumper screw Tool		Allen key 6 mm *0.236 in*
Torque		6 - 12 N.m *52 - 104 lb.in*
Screw clamp Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.abb.com

RoHS RoHS | USR CNR | Gost R

Main dimensions mm





D35/27.AF - D70/32.AF - D120/42.AF
D35/27.FF - D70/32.FF - D120/42.FF

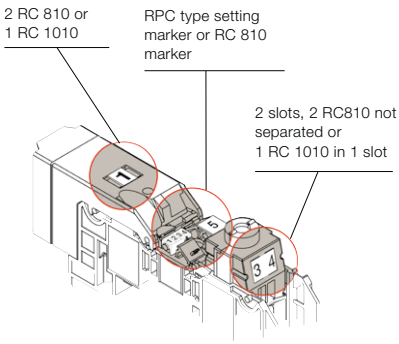
Type	Mounting with:	A	B	C	D	F	G1	G2	H
		Dimensions mm							
D120/42...	2 Screws	120	7.5	6.5	/	83.5	197	255.5	129.7

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

Power and productivity for a better world™

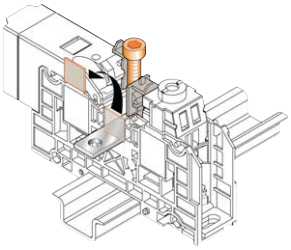
Power terminal blocks
Mounting instructions

Marking



Jumper bar

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

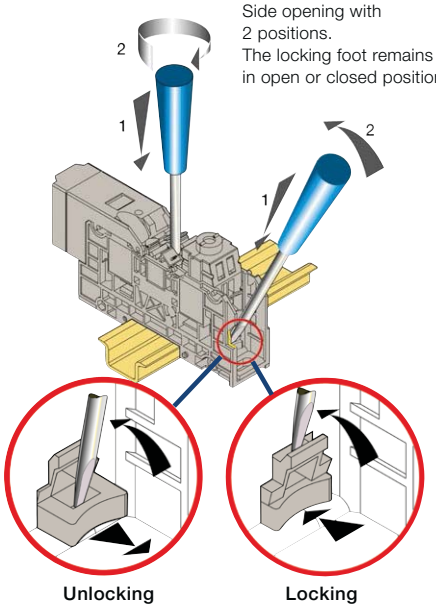


Locking foot operating with screwdriver DIA. 4 mm

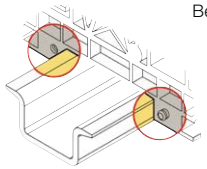
Center opening (to be made after jumper bar has been removed) "monostable action".

As soon as the screwdriver is removed, the locking foot comes back to closed position

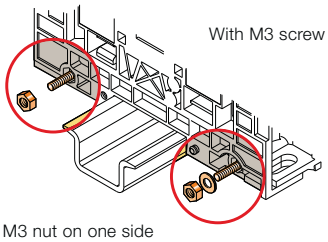
Side opening with
2 positions.
The locking foot remains
in open or closed position.



Locking



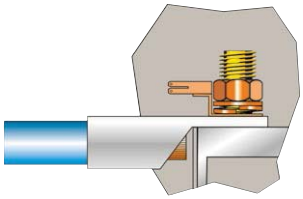
Between blocks with pins



With M3 screw

M3 nut on one side
M3 nut + washer on the other side

Mounting of the derivative system



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