ACB1P520A12

POWER DISTRIBUTION BLOCK, SINGLE-POLE, 520A, 12 TERMINALS



Product designation		Power distribution block
Electrical features		
Number of poles		1
Rated insulation voltage Ui	V	1000
IEC Conventional free air thermal current Ith ≤ 40°C	A	520
Conventional free air thermal current Ith UL/CSA	A	520
Rated peak withstand current Ipk	kA	51
Rated short time current Icw 1s	kA	24.5
Short circuit rating (UL)	kA	10
Connections		
Terminal hole diameter_Option 1	mm	Slot 25x9.5mm
Conductor section connectable_Option 1	mm2	flexible busbar 25x9.5mm
Tightening torque Max_Option 1	Nm Ibin	10 89
Terminal hole diameter_Option 2	mm	2x9.5mm
Conductor section connectable_Option 2	mm2 AWG	6…35 14..1
Tightening torque Max_Option 2	Nm Ibin	4.4 39
Terminal hole diameter_Option 3	mm	5x7.5mm
Conductor section connectable_Option 3	mm2 AWG	2.5…16 14...4
Tightening torque Max_Option 3	Nm Ibin	2.7 24
Terminal hole diameter_Option 4	mm	4x6mm
Conductor section connectable_Option 4	mm2 AWG	2.5...10 14...6
Tightening torque Max_Option 4	Nm Ibin	2.7 24
Mechanical features		
Operating position	normal allowable	Vertical plane Any
Fixing		Screw / DIN rail 35mm

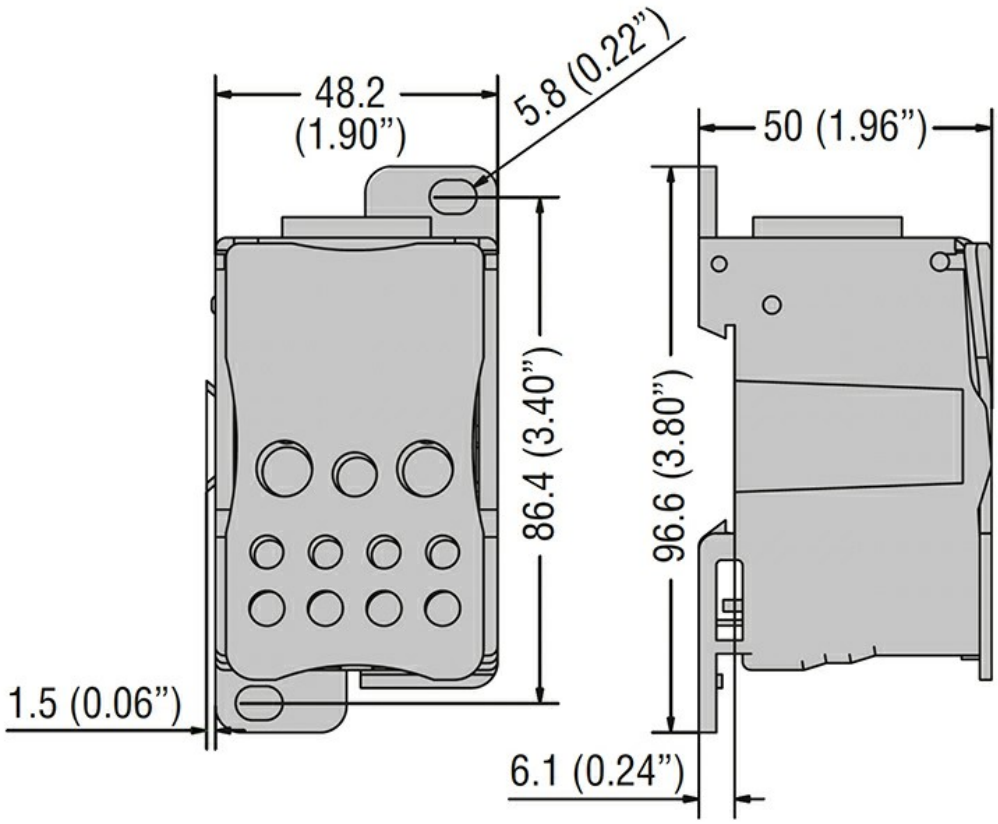
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Metric Allen Key	mm	3-4-5
Weight	g	393

Resistance & Protection

Terminals IP degree	IP20 front

Dimensions



Certifications and compliance

Certifications

IEC/EN/BS 60947-7-1

Compliance

cURus

ETIM classification

EC000066 - Power contactor, AC switching

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