M70/31.AF

TE Connectivity has acquired the DIN Rail Terminal Block product range from ABB

Products → Low Voltage Products and Systems → Connection Devices → Terminal Blocks → Solution Series

General Information

Extended Product Type:	M70/31.AF
Product ID:	1SNA115142R1100
EAN:	3472591151428
Catalog Description:	M70/31.AF
Long Description:	- Compact one stud / one clamp terminal block, - Lug mounting in accordance with NF C 20-130 and DIN 46234, - Various marking options, - Rail or base mounting.

Ordering

Color:	Grey
Minimum Order Quantity:	10 piece
Customs Tariff Number:	85369010

Popular Downloads

Data Sheet, Technical Information:	1SNC160020C0201
Instructions and Manuals:	1SNC160020C0201

Dimensions

Product Net Width:	31 mm
Product Net Height:	66 mm
Product Net Depth / Length:	63 mm
Product Net Weight:	110 g

Technical

Rated Cross-Section:	50 mm²
Spacing:	31 mm
Connection Type:	Stud - Screw clamp
Function:	Feed-through
Number of Levels:	1
Connecting Capacity Main Circuit:	Screw Clamp / Flexible 1x 6 ... 50 mm² Screw Clamp / Flexible 2x 6 ... 50 mm² Screw Clamp / Rigid 1x 6 ... 70 mm² Screw Clamp / Rigid 2x 6 ... 70 mm² Stud / Flexible 1x 2.5 ... 50 mm² Stud / Rigid 1x 2.5 ... 70 mm²
Rated Current (I_n):	Main Circuit 150 A

Rated Short-time Withstand Current (I_{cw}):	for 1 s 8000 A
Rated Voltage (U_r):	1000 V
Pollution Degree:	3
Insulation Material:	Polyamide
Mounting on DIN Rail:	G32 (32 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Wire Stripping Length:	22.0 mm
Recommended Screw Driver:	H13
Tightening Torque:	Cable Lug 12 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 600 V
Connecting Capacity Main Circuit UL/CSA:	Screw Clamp / Rigid 2x 8 ... 0 AWG Stud / Rigid 1x 8 ... 0 AWG
Connecting Capacity UL/CSA:	Stranded 0 AWG

Environmental

Ambient Air Temperature:	Operation -55 ... +110 °C Storage -55 ... +110 °C
RoHS Status:	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

cUL Certificate:	1SND165000A0203
Declaration of Conformity - CE:	1SND225011U1000
EAC Certificate:	1SND161009A1100
Environmental Information:	1SND220022E1002
Instructions and Manuals:	1SNC160020C0201
RoHS Information:	1SND230022F0204

Classifications

Object Classification Code:	X
ETIM 4:	EC000897 - Feed-through terminal block
ETIM 5:	EC000897 - Feed-through terminal block
ETIM 6:	EC000897 - Feed-through terminal block

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	126 mm

Package Level 1 Depth / Length:	155 mm
Package Level 1 Height:	64 mm
Package Level 1 Gross Weight:	1.1 kg
Package Level 1 EAN:	3472591151428
Package Level 2 Units:	100 piece
Package Level 3 Units:	4800 piece
Product Packing Type:	Box

