C2.5/5.N

General Information

Extended Product Type:	C2.5/5.N
Product ID:	1SNL505020R0000
EAN:	3472599857582
Catalog Description:	C2.5/5.N
Long Description:	- 2.5 mm² Feed-through terminal with ABB patented screw Clamp Connection, - Save space by connecting conductors up to 4 mm² in just 5 mm 0.197 in spacing

Ordering

Color:	Blue
Minimum Order Quantity:	100 piece
Customs Tariff Number:	85369010

Popular Downloads

Data Sheet, Technical Information:	1SNC160028L0202
Instructions and Manuals:	1SNC160028L0202

Dimensions

Product Net Width:	5 mm
Product Net Height:	43.6 mm
Product Net Depth / Length:	41.5 mm
Product Net Weight:	5.5 g

Technical

Rated Cross-Section:	2.5 mm²
Spacing:	5 mm
Connection Type:	Screw clamp
Function:	Feed-through
Connecting Capacity Main Circuit:	Screw Clamp / Flexible 1x 0.2 ... 2.5 mm² Screw Clamp / Flexible 2x 0.2 ... 1.5 mm² Screw Clamp / Rigid 1x 0.2 ... 4 mm² Screw Clamp / Rigid 2x 0.2 ... 1.5 mm² Screw Clamp / With Insulated Ferrrule 1x 0.2 ... 2.5 mm² Screw Clamp / Without Insulated Ferrule 1x 0.2 ... 4 mm² Screw Clamp / With Twin Ferrule 2x 0.2 ... 1.5 mm²
Gauge Type:	A3
Rated Current (I_n):	Main Circuit 24 A

Rated Short-time Withstand Current (I_{cw}):	for 1 s 300 A
Rated Voltage (U$_r$):	1000 V
Rated Impulse Withstand Voltage (U$_{imp}$):	8000 V
Dielectric Test Voltage:	2000 V
Pollution Degree:	3
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
Insulation Material:	Polyamide
Mounting on DIN Rail:	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:	10.0 mm
Tightening Torque:	acc. IEC 60947-1 0.4 N·m Manufacturer 0.6 N·m

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 600 V
Connecting Capacity Main Circuit UL/CSA:	Screw Clamp / Rigid 1x 24 ... 12 AWG Screw Clamp / Rigid 2x 24 ... 16 AWG Screw Clamp / With Insulated Ferrrule 1x 24 ... 14 AWG Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / With Twin Ferrule 2x 24 ... 18 AWG
Flammability According to UL94:	V0

Environmental

Ambient Air Temperature:	Operation -55 ... +110 °C Storage -55 ... +110 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

cUL Certificate:	1SND161106A0201
Declaration of Conformity - CE:	1SND225041U1000
EAC Certificate:	1SND161009A1100
Instructions and Manuals:	1SNC160028L0202
RoHS Information:	1SND230544F0201

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:	100 piece
Package Level 1 Width:	88 mm
Package Level 1 Depth / Length:	255 mm
Package Level 1 Height:	42 mm
Package Level 1 Gross Weight:	0.55 kg
Package Level 1 EAN:	3472599857582
Package Level 2 Units:	1000 piece
Package Level 2 Width:	250 mm
Package Level 2 Depth / Length:	330 mm
Package Level 2 Height:	210 mm
Package Level 2 Gross Weight:	5.5 kg
Product Packing Type:	Box