ZK16

General Information

Extended Product Type:	ZK16
Product ID:	1SNK712010R0000
EAN:	3472597120107
Catalog Description:	ZK16 PI-Spring clamp Terminal Block - Feed-through - Grey
Long Description:	Combine high performance with compact dimensions: - 1000 V AC / DC IEC 600 V UL, - Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

Ordering

Color:	Grey
Minimum Order Quantity:	20 piece
Customs Tariff Number:	85369010

Popular Downloads

Data Sheet, Technical Information:	1SNK162035D0201
Instructions and Manuals:	1SNK160027C0201

Dimensions

Product Net Width:	12 mm
Product Net Height:	82.5 mm
Product Net Length:	47.5 mm
Product Net Depth / Length:	47.5 mm
Product Net Weight:	33.8 g

Technical

Rated Cross-Section:	16 mm²
Spacing:	12 mm
Connection Type:	PI Spring
Function:	Feed-through
Number of Levels:	1
Connecting Capacity Main Circuit:	Spring Clamp / Flexible 1x 0.5 ... 16 mm² Spring Clamp / Rigid 1x 0.5 ... 25 mm² Spring Clamp / With Insulated Ferrrule 1x 0.5 ... 16 mm² Spring Clamp / Without Insulated Ferrule 1x 0.5 ... 16 mm² Spring Clamp / With Twin Ferrule 2x 0.5 ... 6 mm²

Gauge Type:	A7 & 6.3 mm Dia.
Rated Current (I_n):	Main Circuit 76 A
Rated Short-time Withstand Current (I_{cw}):	for 1 s 1920 A
Rated Voltage (U_r):	1000 V
Rated Impulse Withstand Voltage (U_{imp}):	8000 V
Dielectric Test Voltage:	2200 V
Pollution Degree:	3
Power Loss:	2.4 W
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:	15.0 mm
Recommended Screw Driver:	4 mm

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 600 V
Connecting Capacity Main Circuit UL/CSA:	Spring Clamp / Rigid 1x 20 ... 4 AWG Spring Clamp / With Insulated Ferrrule 1x 20 ... 6 AWG Spring Clamp / Without Insulated Ferrule 1x 20 ... 6 AWG
Connecting Capacity UL/CSA:	Stranded 4 AWG
Flammability According to UL94:	V0
Short-Circuit Current Rating (SCCR):	100 kA

Environmental

Ambient Air Temperature:	Operation -55 ... +110 °C Storage -55 ... +110 °C
Resistance to Vibrations acc. to IEC 60068-2-6:	Compliant
RoHS Status:	Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

ATEX Certificate:	1SND162009A1702
BV Certificate:	1SND162013A0203
CB Certificate:	1SND162011A0202
CSA Certificate:	1SND162014A0206
cUL Certificate:	1SND162012A0204

Declaration of Conformity - CE:	1SND225112U1004
DNV Certificate:	1SND162023A0200
EAC Certificate:	1SND161010A1100
Environmental Information:	1SND220072E1002
Instructions and Manuals:	1SNK160027C0201
RoHS Information:	1SND230535F0201

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:	20 piece
Package Level 1 Width:	86 mm
Package Level 1 Depth / Length:	250 mm
Package Level 1 Height:	51 mm
Package Level 1 Gross Weight:	0.696 kg
Package Level 1 EAN:	3472597120107
Package Level 2 Units:	240 piece
Package Level 2 Width:	300 mm
Package Level 2 Depth / Length:	400 mm
Package Level 2 Height:	200 mm
Package Level 2 Gross Weight:	8.352 kg
Package Level 3 Units:	11520 piece
Product Packing Type:	Box