ZK4

ABB

General Information

Extended Product Type:	ZK4
Product ID:	1SNK706010R0000
EAN:	3472597060106
Catalog Description:	ZK4 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.

Categories

Products » Low Voltage Products and Systems » Connection Devices » Terminal Blocks » SNK Series

Ordering

Minimum Order Quantity:	50 piece
Customs Tariff Number:	85369010
Color:	Grey

Dimensions

Product Net Height:	55.3 mm
Product Net Length:	41.1 mm
Product Net Depth:	41.1 mm
Product Net Weight:	7.9 g
Product Net Width:	6 mm

Technical

Spacing:	6 mm
Connection Type:	PI Spring
Function:	Feed-through
Number of Levels:	1
Connecting Capacity Main Circuit:	Spring Clamp / Flexible 1x 0.5 ... 4 mm² Spring Clamp / Rigid 1x 0.5 ... 6 mm² Spring Clamp / With Insulated Ferrrule 1x 0.5 ... 4 mm² Spring Clamp / Without Insulated Ferrule 1x 0.5 ... 4 mm² Spring Clamp / With Twin Ferrule 2x 0.5 ... 1 mm²
Gauge Type:	2.9 mm Dia.
Rated Current (I_n):	Main Circuit 32 A
Rated Short-time Withstand Current (I_{cw}):	for 1 s 480 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:	1 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:	12.5 mm
Rated Cross-Section:	4 mm²

Technical UL/CSA

Connecting Capacity Main Circuit UL/CSA:	Spring Clamp / Rigid 1x 26 ... 10 AWG Spring Clamp / With Insulated Ferrrule 1x 26 ... 12 AWG Spring Clamp / Without Insulated Ferrule 1x 26 ... 12 AWG
Connecting Capacity UL/CSA:	Stranded 10 AWG
Flammability According to UL94:	V0
Short-Circuit Current Rating (SCCR):	100 kA
Maximum Operating Voltage UL/CSA:	Main Circuit 600 V

Environmental

Resistance to Vibrations acc. to IEC	Compliant

60068-2-6:

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

Certificates and Declarations (Document Number)

Instructions and Manuals:	1SNK160027C0201
ATEX Certificate:	1SND162009A1701
BV Certificate:	1SND162013A0202
CB Certificate:	1SND162016A0200
CSA Certificate:	1SND162014A0203
cUL Certificate:	1SND162012A0203
Data Sheet, Technical Information:	1SNK162023D0201
Declaration of Conformity - CE:	1SND225112U1000
DNV Certificate:	1SND162023A0200
EAC Certificate:	1SND161010A1100
RoHS Information:	1SND230535F0201

Classifications

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

Container Information

Package Level 1 Width:	61 mm
Package Level 1 Length:	280 mm
Package Level 1 Height:	47 mm
Package Level 1 Gross Weight:	0.445 kg
Package Level 1 EAN:	3472597060106
Package Level 2 Units:	600 piece
Package Level 2 Width:	300 mm
Package Level 2 Length:	400 mm
Package Level 2 Height:	200 mm
Package Level 2 Gross Weight:	5.340 kg
Package Level 3 Units:	28800 piece
Product Packing Type:	Box
Package Level 1 Units:	50 piece