ZK16-PV-BL

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

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

General Information

Extended Product Type:	ZK16-PV-BL
Product ID:	1SNK712065R0000
EAN:	3472599002845
Catalog Description:	ZK16-PV-BL PI-Spring clamp Terminal Block - Feed-through - Blue
Long Description:	Specially designed for high voltage utility scale solar power plants: - Rated voltage of 1500 V DC IEC and 1000 V DC UL, - Pre-mounted end section with light grey color specific to this application, - Improved design with ribs to increase creepage distance, - Compact solution only 2 mm thicker than normal product, - No available jumpers for ZK16-PV and ZK16-3P-PV (14 mm spacing).

Ordering

Color:	Blue, Grey
Minimum Order Quantity:	15 piece
Customs Tariff Number:	85369010

Dimensions

Product Net Width:	14 mm
Product Net Height:	47.5 mm
Product Net Depth / Length:	82.5 mm
Product Net Weight:	36.56 g

Technical

Rated Cross-Section:	16 mm²
Spacing:	14 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

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Rated Voltage (U_r):	1000 V AC / 1500 V DC
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

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 1000 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)

CB Certificate:	1SND162011A0202
CSA Certificate:	1SND162014A0206
cUL Certificate:	1SND162012A0204
Declaration of Conformity - CE:	1SND225104U1001
EAC Certificate:	1SND162001A1100
Environmental Information:	1SND220072E1002
RoHS Information:	1SND230535F0201

Classifications

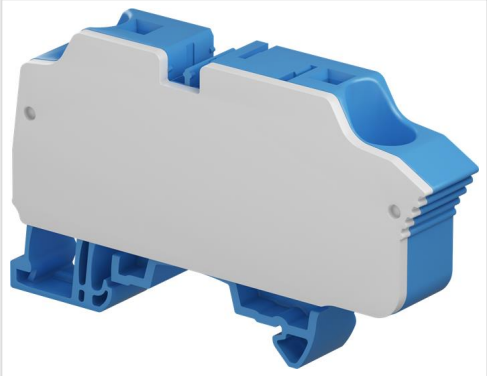
ETIM 4:	EC000897 - Feed-through terminal block
ETIM 5:	EC000897 - Feed-through terminal block

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ETIM 6:	EC000897 - Feed-through terminal block

Container Information

Package Level 1 Units:	15 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:	0.563 kg
Package Level 1 EAN:	3472599002845
Package Level 2 Units:	180 piece
Package Level 2 Width:	300 mm
Package Level 2 Depth / Length:	400 mm
Package Level 2 Height:	200 mm
Package Level 3 Units:	8640 piece
Product Packing Type:	Box



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