

# ZK16

ABB contact for United  
Kingdom 

## General Information

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<b>Extended Product Type:</b>	ZK16
<b>Product ID:</b>	1SNK712010R0000
<b>EAN:</b>	3472597120107
<b>Catalog Description:</b>	ZK16 PI-Spring clamp Terminal Block - Feed-through - Grey
<b>Long Description:</b>	ZK16 PI-Spring clamp Terminal Block - Feed-through - Grey - 16 mm <sup>2</sup> - 12 mm 0.472 in spacing - Flat marking area

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## Categories

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Products » Low Voltage Products and Systems » Connection Devices » Terminal Blocks » PI-Spring Terminal Blocks

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## Ordering

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<b>EAN:</b>	3472597120107
<b>Minimum Order Quantity:</b>	20 piece
<b>Customs Tariff Number:</b>	85369010

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## Dimensions

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<b>Product Net Width:</b>	12 mm
<b>Product Net Height:</b>	82.5 mm
<b>Product Net Length:</b>	47.5 mm
<b>Product Net Depth:</b>	47.5 mm
<b>Product Net Weight:</b>	33.80 g

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## Container Information

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<b>Package Level 1 Units:</b>	20 piece
<b>Package Level 1 Width:</b>	86 mm
<b>Package Level 1 Height:</b>	51 mm
<b>Package Level 1 Length:</b>	250 mm
<b>Package Level 1 Gross Weight:</b>	0.696 kg
<b>Package Level 1 EAN:</b>	3472597120107
<b>Package Level 2 Units:</b>	240 piece
<b>Package Level 2 Width:</b>	300 mm
<b>Package Level 2 Height:</b>	200 mm
<b>Package Level 2 Length:</b>	400 mm
<b>Package Level 2 Gross Weight:</b>	8.352 kg
<b>Package Level 3 Units:</b>	11520 piece

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## Environmental

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<b>Ambient Air Temperature:</b>	Operation -55 ... +110 °C Storage -55 ... +110 °C
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	Compliant
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

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## Technical UL/CSA

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

## Additional Information

<b>Ambient Temperature:</b>	-5 ... +40 °C
<b>Color:</b>	Grey
<b>Connecting Capacity-Main Circuit:</b>	Spring Clamp / Flexible 1x 0.5 ... 16 mm <sup>2</sup> Spring Clamp / Rigid 1x 0.5 ... 25 mm <sup>2</sup> Spring Clamp / With Insulated Ferrule 1x 0.5 ... 16 mm <sup>2</sup> Spring Clamp / Without Insulated Ferrule 1x 0.5 ... 16 mm <sup>2</sup> Spring Clamp / With Twin Ferrule 2x 0.5 ... 6 mm <sup>2</sup>
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<b>Dielectric Test Voltage:</b>	2200 V
<b>Function:</b>	Feed-through
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Insulation Material:</b>	Polyamide
<b>Mounting on DIN Rail:</b>	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
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	2.4 W
<b>Product Main Type:</b>	ZK16
<b>Product Name:</b>	Terminal Block
<b>Rated Cross-Section:</b>	16 mm <sup>2</sup>
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 76 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1.0s 1960 A
<b>Rated Voltage (U<sub>r</sub>):</b>	1000 V
<b>Recommended Screw Driver:</b>	4 mm
<b>Spacing:</b>	12 mm
<b>Sub-Function:</b>	2 connections
<b>Wire Stripping Length:</b>	15.0 mm

## Certificates and Declarations (Document Number)

<b>BV Certificate:</b>	1SND162013A0200
<b>CB Certificate:</b>	1SND162011A0200
<b>CSA Certificate:</b>	1SND162014A0201
<b>cUL Certificate:</b>	1SND162012A0200
<b>Declaration of Conformity - CE:</b>	1SND225150C1000
<b>GOST Certificate:</b>	1SND161005A1104
<b>RoHS Information:</b>	1SND230535F0200
<b>UL Certificate:</b>	1SND162012A0200

## Classifications

<b>ETIM 4.0:</b>	EC000897 - Feed-through terminal block
<b>ETIM 5.0:</b>	EC000897 - Feed-through terminal block
<b>Object Classification Code:</b>	X

