

# ZK16-3P



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

## General Information

<b>Extended Product Type:</b>	ZK16-3P
<b>Product ID:</b>	1SNK712011R0000
<b>EAN:</b>	3472597120114
<b>Catalog Description:</b>	ZK16-3P PI-Spring clamp Terminal Block - Feed-through - Grey - 16 mm <sup>2</sup> - 12 mm 0.472 in spacing - Flat marking area
<b>Long Description:</b>	- Find all the features of the ZK16 terminal block with the added option of distributing or branching 3 conductors, - ZK16-3P is perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC, 1000 V UL.

## Ordering

<b>Color:</b>	Grey
<b>Minimum Order Quantity:</b>	20 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNK162063S0201
<b>Instructions and Manuals:</b>	1SNK160027C0201

## Dimensions

<b>Product Net Width:</b>	12 mm
<b>Product Net Height:</b>	98.3 mm
<b>Product Net Depth:</b>	47.5 mm
<b>Product Net Weight:</b>	44.3 g

## Technical

<b>Rated Cross-Section:</b>	16 mm <sup>2</sup>
<b>Spacing:</b>	12 mm
<b>Connection Type:</b>	PI Spring
<b>Function:</b>	Feed-through
<b>Number of Levels:</b>	1
<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>Gauge Type:</b>	A7 & 6.3 mm Dia.

<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 76 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 1920 A
<b>Rated Voltage (U<sub>r</sub>):</b>	1000 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Dielectric Test Voltage:</b>	2200 V
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	2.4 W
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<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

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 1000 V
<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>Connecting Capacity UL/CSA:</b>	Stranded 4 AWG
<b>Flammability According to UL94:</b>	V0
<b>Short-Circuit Current Rating (SCCR):</b>	100 kA

## Environmental

<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 2011/65/EU

## Certificates and Declarations (Document Number)

<b>ATEX Certificate:</b>	1SND162009A1702
<b>BV Certificate:</b>	1SND162013A0203
<b>CB Certificate:</b>	1SND162011A0202
<b>CSA Certificate:</b>	1SND162014A0206
<b>cUL Certificate:</b>	1SND162012A0204
<b>Declaration of Conformity - CE:</b>	1SND225112U1004
<b>EAC Certificate:</b>	1SND161010A1100
<b>Environmental Information:</b>	1SND220072E1002

**Instructions and Manuals:** 1SNK160027C0201

---

**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

## Container Information

**Package Level 1 Units:** 20 piece

---

**Package Level 1 Width:** 102 mm

---

**Package Level 1 Length:** 242 mm

---

**Package Level 1 Height:** 50 mm

---

**Package Level 1 Gross Weight:** 0.906 kg

---

**Package Level 1 EAN:** 3472597120114

---

**Package Level 2 Units:** 180 piece

---

**Package Level 2 Width:** 300 mm

---

**Package Level 2 Length:** 400 mm

---

**Package Level 2 Height:** 200 mm

---

**Package Level 2 Gross Weight:** 8.155 kg

---

**Package Level 3 Units:** 8640 piece

---

**Product Packing Type:** Box

