

# ZS4-BK

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## General Information

|                               |                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | ZS4-BK                                                                                                                                        |
| <b>Product ID:</b>            | 1SNK505066R0000                                                                                                                               |
| <b>EAN:</b>                   | 3472595050666                                                                                                                                 |
| <b>Catalog Description:</b>   | ZS4-BK Screw Clamp Terminal Block -<br>Feed-through - Black                                                                                   |
| <b>Long Description:</b>      | ZS4-BK Screw Clamp Terminal Block -<br>Feed-through - Black, 4mm <sup>2</sup><br>RatedCrossSection, 5.2mmSpacing, TH<br>35-7.5, TH 35-15 Rail |



## Categories

Products » Low Voltage Products and Systems » Connection Devices »  
Terminal Blocks » Screw Clamp Terminal Blocks

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 3472595050666 |
| <b>Minimum Order Quantity:</b> | 50 piece      |
| <b>Customs Tariff Number:</b>  | 85369010      |

## Dimensions

|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 5.2 mm  |
| <b>Product Net Height:</b> | 53.0 mm |
| <b>Product Net Length:</b> | 47.3 mm |
| <b>Product Net Depth:</b>  | 47.3 mm |
| <b>Product Net Weight:</b> | 8.8 g   |

## Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 50 piece      |
| <b>Package Level 1 Width:</b>        | 54 mm         |
| <b>Package Level 1 Height:</b>       | 52 mm         |
| <b>Package Level 1 Length:</b>       | 252 mm        |
| <b>Package Level 1 Gross Weight:</b> | 0.44000 kg    |
| <b>Package Level 1 EAN:</b>          | 3472595050666 |
| <b>Package Level 2 Units:</b>        | 900 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> | 8.420 kg      |
| <b>Package Level 3 Units:</b>        | 43200 piece   |
| <b>Product Packing Type:</b>         | Box           |

## Environmental

|                                                        |                                                                 |
|--------------------------------------------------------|-----------------------------------------------------------------|
| <b>Ambient Air Temperature:</b>                        | Operation -55 +110 °C<br>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 |

## Technical UL/CSA

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**Maximum Operating Voltage UL/CSA:** Main Circuit 600 V

**Connecting Capacity-Main Circuit UL/CSA:** Screw Clamp / Flexible 1x 24-12 AWG  
Screw Clamp / Flexible 2x 24-16 AWG  
Screw Clamp / Rigid 1x 24-12 AWG  
Screw Clamp / Rigid 2x 24-16 AWG  
Screw Clamp / With Insulated Ferrule 1x 24-14 AWG  
Screw Clamp / Without Insulated Ferrule 1x 24-12 AWG  
Screw Clamp / With Twin Ferrule 2x 24-16 AWG

**Connecting Capacity UL/CSA:** Rigid 1x 24 ... 12 AWG  
Rigid 2x 24 ... 16 AWG  
Flexible 1x 24 ... 12 AWG  
Flexible 2x 24 ... 14 AWG

**Flammability According to UL94:** V0

**Short-Circuit Current Rating (SCCR):** 100 kA

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## Additional Information

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**Ambient Temperature:** -5 +40 °C

**Color:** Black

**Connecting Capacity-Main Circuit:** Screw Clamp / Flexible 1x 0.22-4 mm<sup>2</sup>  
Screw Clamp / Flexible 2x 0.2-1.5 mm<sup>2</sup>  
Screw Clamp / Rigid 1x 0.2-4 mm<sup>2</sup>  
Screw Clamp / Rigid 2x 0.2-1.5 mm<sup>2</sup>  
Screw Clamp / With Insulated Ferrule 1x 0.22-2.5 mm<sup>2</sup>  
Screw Clamp / Without Insulated Ferrule 1x 0.22-4 mm<sup>2</sup>  
Screw Clamp / With Twin Ferrule 2x 0.22-1.5 mm<sup>2</sup>

**Connection Type:** Screw clamp

**Degree of Protection:** acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20

**Dielectric Test Voltage:** 2200 V

**Function:** Feed-through

**Gauge Type:** A3-B3

**IIT Publishing Status:** Level 0 - Information enabled

**Insulation Material:** Polyamide

**Mounting on DIN Rail:** TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715  
TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715

**Number of Levels:** 1

**Pollution Degree:** 3

**Power Loss:** 1.0 W

**Product Main Type:** ZS4

**Product Name:** Terminal block

**Rated Cross-Section:** 4 mm<sup>2</sup>

**Rated Current (I<sub>n</sub>):** Main Circuit 32 A

**Rated Impulse Withstand Voltage (U<sub>imp</sub>):** 8000 V

**Rated Short-time Withstand Current (I<sub>cw</sub>):** for 1.0s 480 A

**Rated Voltage (U<sub>r</sub>):** 1000 V

**Recommended Screw Driver:** 3.5 mm

**RoHS Date:** 20050818

**Spacing:** 5.2 mm

**Sub-Function:** 2 connections

**Wire Stripping Length:** 10.5 mm

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**Certificates and Declarations (Document Number)**

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|----------------------------------------|-----------------|
| <b>ATEX Certificate:</b>               | 1SND162004A1705 |
| <b>BV Certificate:</b>                 | 1SND161073A0201 |
| <b>CB Certificate:</b>                 | 1SND161017A0202 |
| <b>CSA Certificate:</b>                | 1SND161070A0207 |
| <b>cUL Certificate:</b>                | 1SND161040A0205 |
| <b>Declaration of Conformity - CE:</b> | 1SND225081C1012 |
| <b>DNV Certificate:</b>                | 1SND161087A0200 |
| <b>GOST Certificate:</b>               | 1SND161005A1104 |
| <b>RINA Certificate:</b>               | 1SND161088A0200 |
| <b>RoHS Information:</b>               | 1SND230491F0206 |

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**Classifications**

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|                                    |                                        |
|------------------------------------|----------------------------------------|
| <b>E-nummer:</b>                   | 2925909                                |
| <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                                      |

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