

# ZS6-4S-BL

ABB contact for United Kingdom



## General Information

<b>Extended Product Type:</b>	ZS6-4S-BL
<b>Product ID:</b>	1SNK506022R0000
<b>EAN:</b>	3472595060221
<b>Catalog Description:</b>	ZS6-4S-BL Screw Clamp Terminal Block - Feed-through - Blue
<b>Long Description:</b>	ZS6-4S-BL Screw Clamp Terminal Block - Feed-through - Blue - 6 mm <sup>2</sup> - 6 mm 0.236 in spacing - Flat marking area

## Categories

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

## Ordering

<b>EAN:</b>	3472595060221
<b>Minimum Order Quantity:</b>	50 piece
<b>Customs Tariff Number:</b>	85369010

## Dimensions

<b>Product Net Width:</b>	6.0 mm
<b>Product Net Height:</b>	72.7 mm
<b>Product Net Length:</b>	48.2 mm
<b>Product Net Depth:</b>	48.2 mm
<b>Product Net Weight:</b>	15.00 g

## Container Information

<b>Package Level 1 Units:</b>	50 piece
<b>Package Level 1 Width:</b>	172 mm
<b>Package Level 1 Height:</b>	71 mm
<b>Package Level 1 Length:</b>	155 mm
<b>Package Level 1 Gross Weight:</b>	0.80000 kg
<b>Package Level 1 EAN:</b>	3472595060221
<b>Package Level 2 Units:</b>	300 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>	4.800 kg
<b>Package Level 3 Units:</b>	14400 piece

## 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 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V
<b>Connecting Capacity-Main Circuit UL/CSA:</b>	Screw Clamp / Rigid 1x 24 ... 10 AWG Screw Clamp / Rigid 2x 24 ... 14 AWG

Screw Clamp / With Insulated Ferrule 1x 24 ... 12 AWG  
 Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG  
 Screw Clamp / With Twin Ferrule 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:** Blue  
**Connecting Capacity-Main Circuit:** Screw Clamp / Flexible 1x 0.22... 6 mm<sup>2</sup>  
 Screw Clamp / Flexible 2x 0.2 ... 2.5 mm<sup>2</sup>  
 Screw Clamp / Rigid 1x 0.2 ... 6 mm<sup>2</sup>  
 Screw Clamp / Rigid 2x 0.2 ... 2.5 mm<sup>2</sup>  
 Screw Clamp / With Insulated Ferrule 1x 0.22 ... 4 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 ... 2.5 mm<sup>2</sup>  
**Degree of Protection:** acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20  
**Dielectric Test Voltage:** 2000 V  
**Function:** Feed-through  
**Gauge Type:** A4-B3  
**IIT Publishing Status:** Level 0 - Information enabled  
**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  
**Pollution Degree:** 3  
**Power Loss:** 1.0 W  
**Product Main Type:** ZS6-4S  
**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>):** 800 V  
**Recommended Screw Driver:** 4 mm  
**Spacing:** 6 mm  
**Sub-Function:** 4 connections  
**Wire Stripping Length:** 10.5 mm

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### Certificates and Declarations (Document Number)

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**ATEX Certificate:** 1SND162004A1705  
**BV Certificate:** 1SND161073A0202  
**CB Certificate:** 1SND161096A0200  
**CSA Certificate:** 1SND161070A0207  
**cUL Certificate:** 1SND161041A0206  
**Declaration of Conformity - CE:** 1SND225081C1010  
**GOST Certificate:** 1SND161005A1104  
**RoHS Information:** 1SND230491F0206

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### Classifications

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**ETIM 4.0:** EC000897 - Feed-through terminal block  
**ETIM 5.0:** EC000897 - Feed-through terminal block  
**Object Classification Code:** X

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