

## Socket terminal block - JBC 2,5/3 - 3240164

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3-pos. socket terminal block with spring-cage connection, for toolless wiring with push-in connection method, for one and multi-strand conductors with a cross section of 0.5 to 2.5 mm<sup>2</sup>, insulation housing transparent.

### Your advantages

- ✓ Thanks to Push-in connection technology, the three junction box connector versions from Phoenix Contact enable tool-free wiring in a small amount of space
- ✓ Different cross sections can be wired together in a junction box connector
- ✓ Solid multi-strand conductors (7 litz wires) with a cross section range of 1.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> can be safely connected
- ✓ Solid single-strand conductors with a cross section range of 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> can be connected
- ✓ The transparent housing makes it easier to carry out a visual inspection of the terminal points, thereby increasing wiring safety
- ✓ Integrated test openings enable the use of test devices once wiring has been completed

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	 4 046356 457941
GTIN	4046356457941
Weight per Piece (excluding packing)	0.016 g
Custom tariff number	85369010
Country of origin	Austria

### Technical data

#### General

Number of positions	3
Number of levels	1

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## Technical data

### General

Number of connections	3
Nominal cross section	2.5 mm <sup>2</sup>
Color	transparent
Insulating material	PC/PA
Flammability rating according to UL 94	V2
Ambient temperature (operation)	-40 °C ... 90 °C
Maximum load current	24 A
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	450 V

### Dimensions

Width	17.2 mm
Length	15.6 mm
Height	8.9 mm
Depth	15.6 mm

### Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	0 mm <sup>2</sup>

### Standards and Regulations

Flammability rating according to UL 94	V2
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Classifications

#### eCl@ss

eCl@ss 4.0	27141104
eCl@ss 4.1	27141104
eCl@ss 5.0	27141104

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## Classifications

### eCl@ss

eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141104
eCl@ss 8.0	27141104
eCl@ss 9.0	27141104

### ETIM

ETIM 3.0	EC001284
ETIM 4.0	EC001284
ETIM 5.0	EC000446
ETIM 6.0	EC000446
ETIM 7.0	EC000446

### UNSPSC

UNSPSC 6.01	30212109
UNSPSC 7.0901	27121703
UNSPSC 11	27121703
UNSPSC 12.01	27121703
UNSPSC 13.2	39121410

## Approvals

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#### Approvals

UL Listed / EAC / EAC

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 327420
Nominal voltage UN	600 V		
Nominal current IN	12 A		

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### Approvals

mm <sup>2</sup> /AWG/kcmil	20-16

EAC		7500651.22.01.00246
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EAC		EAC-Zulassung
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