

## Socket terminal block - JBC 2,5/8 - 3240166

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8-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.

### Why buy this product

- ✓ 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 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
- ✓ 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
- ✓ 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	50 STK
GTIN	 4 046356 457965
GTIN	4046356457965

### Technical data

#### General

Number of positions	8
Number of levels	1
Number of connections	8
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

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## Technical data

### General

Nominal voltage U <sub>N</sub>	450 V
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### Dimensions

Width	39.2 mm
Length	15.6 mm
Height	8.9 mm
Depth	15.6 mm

### Connection data

Connection method	Push-in connection
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>
Stripping length	8 mm

### 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

## Approvals


### Approvals

#### Approvals

UL Listed / EAC / EAC

#### Ex Approvals

### Approval details


UL Listed		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	FILE E 327420
Nominal voltage U <sub>N</sub>	600 V		

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### Approvals

Nominal current IN	12 A
mm <sup>2</sup> /AWG/kcmil	20-16

EAC		EAC-Zulassung
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EAC		7500651.22.01.00246
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