

## 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.

### Product Features

- 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	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.0 g
Custom tariff number	85369010
Country of origin	Austria

### Technical data

#### General

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)	90 °C

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### Technical data

#### General

Maximum load current	24 A
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	450 V

#### Dimensions

Width	39.2 mm
Length	15.6 mm
Height	8.9 mm
Depth	15.60 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 min.	1.5 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	16
Max. AWG conductor cross section, flexible	14
Stripping length	8 mm

#### Standards and Regulations

Flammability rating according to UL 94	V2
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### Classifications

#### eCl@ss

eCl@ss 4.0	27141104
eCl@ss 4.1	27141104
eCl@ss 5.0	27141104
eCl@ss 5.1	27141104
eCl@ss 6.0	27141106
eCl@ss 7.0	27141106
eCl@ss 8.0	27141120

#### ETIM

ETIM 3.0	EC001284
ETIM 4.0	EC001284

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## Classifications

### ETIM

ETIM 5.0	EC000446
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### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

UL Listed / EAC / EAC

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

UL Listed 	
mm <sup>2</sup> /AWG/kcmil	20-16
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	600 V

EAC
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EAC
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