

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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.

### 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 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
GTIN	 4 046356 457965
GTIN	4046356457965
Weight per Piece (excluding packing)	4.000 g
Custom tariff number	85369010
Country of origin	Austria

### Technical data

#### General

Number of positions	8
Number of levels	1

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

## Technical data

### General

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

### Dimensions

Width	39.2 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
----------------------------------------	----

### 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

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

## 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


### Approvals

#### 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		

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

### Approvals

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

EAC		7500651.22.01.00246
-----	-----------------------------------------------------------------------------------	---------------------

EAC		EAC-Zulassung
-----	-----------------------------------------------------------------------------------	---------------