

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 mm², 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 mm² to 2.5 mm² can be connected
- ✓ Solid multi-strand conductors (7 litz wires) with a cross section range of 1.5 mm² to 2.5 mm² 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

RoHS

Key Commercial Data

Packing unit	50 pc
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 ²
Color	transparent
Insulating material	PC/PA
Flammability rating according to UL 94	V2
Cable diameter	0 mm ... 0 mm
Maximum load current	24 A
Nominal current I _N	24 A

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

Technical data

General

Nominal voltage U_N	450 V
Ambient temperature (operation)	-40 °C ... 90 °C

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 ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0 mm ²

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 10.0.1	27141104
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
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

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

Classifications

ETIM

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
UNSPSC 19.0	39121410

Approvals

Approvals

Approvals

UL Listed / EAC

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 327420
Nominal voltage UN	600 V		
Nominal current IN	12 A		
mm²/AWG/kcmil	20-16		

EAC		RU C- DE.BL08.B.00644
-----	---	--------------------------

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[3240166](#)