

JBC 2,5/8 - Junction box connector



3240166

<https://www.phoenixcontact.com/pc/products/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 documentation. Our general terms of use for downloads are valid.



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.

Commercial data

Item number	3240166
Packing unit	50 pc
Minimum order quantity	100 pc
Product key	BE7311
Catalog page	Page 560 (C-3-2019)
GTIN	4046356457965
Weight per piece (including packing)	3.815 g
Weight per piece (excluding packing)	3.815 g
Customs tariff number	85369010
Country of origin	AT

JBC 2,5/8 - Junction box connector



3240166

<https://www.phoenixcontact.com/pc/products/3240166>

Technical data

Product properties

Product type	Junction box connector
Number of positions	8
Number of connections	8
Number of rows	1

Electrical properties

Maximum power dissipation for nominal condition	0.77 W
Test voltage	32.00 mV

Connection data

Nominal cross section	2.5 mm ²
Stripping length	8 mm
Conductor cross section rigid	0.5 mm ² ... 2.5 mm ²
Cross section AWG	20 ... 14 (converted acc. to IEC)
Nominal current	24 A
Maximum load current	24 A
Nominal voltage	450 V
Nominal cross section	2.5 mm ²

Dimensions

Width	39.2 mm
Height	8.9 mm
Depth	15.6 mm

Material specifications

Color	transparent
Flammability rating according to UL 94	V2
Insulating material	PC/PA

JBC 2,5/8 - Junction box connector

3240166

<https://www.phoenixcontact.com/pc/products/3240166>



Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3240166>



EAC
Approval ID: RU C-DE.BL08.B.00644

	UL Listed Approval ID: FILE E 327420			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	600 V	12 A	-	20 - 16

JBC 2,5/8 - Junction box connector



3240166

<https://www.phoenixcontact.com/pc/products/3240166>

Classifications

ECLASS

ECLASS-11.0	27141104
-------------	----------

ETIM

ETIM 8.0	EC000446
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

JBC 2,5/8 - Junction box connector



3240166

<https://www.phoenixcontact.com/pc/products/3240166>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com