

JBC 2,5/8 - Junction box connector

3240166

<https://www.phoenixcontact.com/sg/products/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 mm², insulation housing transparent.

Commercial data

Item number	3240166
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Sales key	*****
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

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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

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/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

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Classifications

ECLASS

ECLASS-11.0

27141104

ETIM

ETIM 8.0

EC000446

UNSPSC

UNSPSC 21.0

39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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%
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