

# JBC 2,5/8 - Junction box connector

3240166

<https://www.phoenixcontact.com/us/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 mm<sup>2</sup>, insulation housing transparent.

## Commercial data

Item number	3240166
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7311
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 <sup>2</sup>
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	20 ... 14 (converted acc. to IEC)
Nominal cross section	2.5 mm <sup>2</sup>
Nominal current	24 A
Maximum load current	24 A
Nominal voltage	450 V

### 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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## Classifications

### 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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### EF3.1 Climate Change

CO2e kg	0.018 kg CO2e
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