

JBC 2,5/5 - Junction box connector



3240165

<https://www.phoenixcontact.com/ca/products/3240165>

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5-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 | 3240165 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Note | Made to order (non-returnable) |
| Sales key | BE07 |
| Product key | BE7311 |
| Catalog page | Page 560 (C-3-2019) |
| GTIN | 4046356457958 |
| Weight per piece (including packing) | 2.298 g |
| Weight per piece (excluding packing) | 2.29 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 | 5 |
| Number of connections | 5 |
| 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 | 26 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/ca/products/3240165>



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

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| ETIM 8.0 | EC000446 |
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UNSPSC

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

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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% |

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