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Especialistas en Automatización

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## Socket terminal block - JBC 2,5/3 - 3240164

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3-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.

### Why buy this product

- 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 multi-strand conductors (7 litz wires) with a cross section range of 1.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> can be safely connected
- Solid single-strand conductors with a cross section range of 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> can be 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

### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 100 STK                                                                                                 |
| Minimum order quantity | 100 STK                                                                                                 |
| GTIN                   | <br>4 046356 457941 |

### Technical data

#### General

|                                        |                     |
|----------------------------------------|---------------------|
| Number of levels                       | 1                   |
| Number of connections                  | 3                   |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Color                                  | transparent         |
| Insulating material                    | PC/PA               |
| Flammability rating according to UL 94 | V2                  |
| Ambient temperature (operation)        | 90 °C               |
| Maximum load current                   | 24 A                |
| Nominal current I <sub>N</sub>         | 24 A                |
| Nominal voltage U <sub>N</sub>         | 450 V               |
| Number of positions                    | 3                   |

#### Dimensions

|       |         |
|-------|---------|
| Width | 17.2 mm |
|-------|---------|

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## Technical data

### Dimensions

|        |          |
|--------|----------|
| Length | 15.6 mm  |
| Height | 8.9 mm   |
| Depth  | 15.60 mm |

### Connection data

|                                            |                     |
|--------------------------------------------|---------------------|
| Connection method                          | Push-in connection  |
| Conductor cross section solid min.         | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.         | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG min.           | 20                  |
| Conductor cross section AWG max.           | 14                  |
| Conductor cross section flexible min.      | 1.5 mm <sup>2</sup> |
| Conductor cross section flexible max.      | 2.5 mm <sup>2</sup> |
| Min. AWG conductor cross section, flexible | 16                  |
| Max. AWG conductor cross section, flexible | 14                  |
| Stripping length                           | 8 mm                |

### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V2 |
|----------------------------------------|----|

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141104 |
| eCl@ss 4.1 | 27141104 |
| eCl@ss 5.0 | 27141104 |
| eCl@ss 5.1 | 27141104 |
| eCl@ss 6.0 | 27141106 |
| eCl@ss 7.0 | 27141106 |
| eCl@ss 8.0 | 27141120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001284 |
| ETIM 4.0 | EC001284 |
| ETIM 5.0 | EC000446 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30212109 |
| UNSPSC 7.0901 | 27121703 |
| UNSPSC 11     | 27121703 |
| UNSPSC 12.01  | 27121703 |
| UNSPSC 13.2   | 27121703 |

## Socket terminal block - JBC 2,5/3 - 3240164

### Approvals

#### Approvals

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#### Approvals

UL Listed / EAC / EAC

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                                                                                              |       |
|----------------------------------------------------------------------------------------------|-------|
| UL Listed  |       |
|                                                                                              |       |
| mm²/AWG/kcmil                                                                                | 20-16 |
| Nominal current I <sub>N</sub>                                                               | 20 A  |
| Nominal voltage U <sub>N</sub>                                                               | 600 V |

|     |
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| EAC |
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| EAC |
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|----------------------------|
| 3-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. | 3240164 | JBC 2,5/3 | <a href="#">Buy on EAN</a> |