

## EC 16 BK

Order No.: 3240180

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3240180>

Polypropylene Europe terminal strip, black, for connecting solid conductors and stranded conductors with and without ferrules with a cross-section of 1.5 to 16 mm<sup>2</sup>

### Commercial data

|                          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| GTIN (EAN)               |  |
| Note                     | Made-to-order                                                                       |
| sales group              | B270                                                                                |
| Pack                     | 10 pcs.                                                                             |
| Customs tariff           | 85369010                                                                            |
| Catalog page information | Page 361 (CL2-2011)                                                                 |

### Product notes

WEEE/RoHS-compliant since:  
10/02/2008



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### Technical data

#### General

|                                    |       |
|------------------------------------|-------|
| Color                              | black |
| Insulating material                | PP    |
| Inflammability class acc. to UL 94 | -     |

**Dimensions**

|        |          |
|--------|----------|
| Width  | 20.7 mm  |
| Length | 174.5 mm |
| Height | 25 mm    |

**Technical data**

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Nominal current $I_N$ | 76 A (with 16 mm <sup>2</sup> conductor cross section) |
| Nominal voltage $U_N$ | 450 V                                                  |
| Number of positions   | 12                                                     |

**Connection data**

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                                      | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 16 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                                   | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 16 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 14                  |
| Conductor cross section AWG/kcmil max                                                   | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 10 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 mm <sup>2</sup> |
| Stripping length                                                                        | 8 mm                |

|                        |        |
|------------------------|--------|
| Screw thread           | M4     |
| Tightening torque, min | 1.2 Nm |
| Tightening torque max  | 1.5 Nm |

**Address**

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