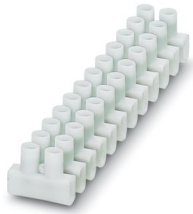


# EC 6 - Europe connectors

3240172

<https://www.phoenixcontact.com/us/products/3240172>

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Polypropylene Europe terminal strip, white, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 0.75 to 6 mm<sup>2</sup>

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 3240172                        |
| Packing unit                         | 10 pc                          |
| Minimum order quantity               | 10 pc                          |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BE73                           |
| Product key                          | BE7321                         |
| GTIN                                 | 4046356457798                  |
| Weight per piece (including packing) | 25.55 g                        |
| Weight per piece (excluding packing) | 25.43 g                        |
| Customs tariff number                | 85369010                       |
| Country of origin                    | AT                             |

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## Technical data

### Product properties

|                       |                  |
|-----------------------|------------------|
| Product type          | Europe connector |
| Number of positions   | 12               |
| Pitch                 | 10 mm            |
| Number of connections | 24               |
| Number of rows        | 1                |

### Electrical properties

|   |        |
|---|--------|
| Maximum power dissipation for nominal condition | 1.31 W |
|---|--------|

### Connection data

|   |   |
|---|---|
| Nominal cross section   | 6 mm <sup>2</sup>                                     |
| Connection method   | Screw connection                                      |
| Screw thread  | M3  |
| Tightening torque   | 0.5 ... 0.6 Nm  |
| Stripping length  | 6 mm  |
| Conductor cross-section rigid   | 0.75 mm <sup>2</sup> ... 6 mm <sup>2</sup>            |
| Cross section AWG   | 18 ... 10 (converted acc. to IEC)                     |
| Conductor cross-section flexible  | 0.75 mm <sup>2</sup> ... 6 mm <sup>2</sup>            |
| Conductor cross-section, flexible [AWG]   | 18 ... 10 (converted acc. to IEC)                     |
| Conductor cross-section flexible (ferrule without plastic sleeve)                         | 0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>            |
| Flexible conductor cross-section (ferrule with plastic sleeve)                            | 0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>          |
| 2 conductors with same cross section, rigid   | 0.75 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>          |
| 2 conductors with same cross section, flexible  | 0.75 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>          |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve       | 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>             |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>             |
| Nominal cross section   | 6 mm <sup>2</sup>                                     |
| Nominal current   | 41 A (with 6 mm <sup>2</sup> conductor cross-section) |
| Maximum load current  | 41 A (with 6 mm <sup>2</sup> conductor cross-section) |
| Nominal voltage   | 450 V (Only use up to 250 V without securing.)        |

### Dimensions

|                    |         |
|--------------------|---------|
| Width              | 18.9 mm |
| Height             | 14.9 mm |
| Depth              | 18.9 mm |
| Drill hole spacing | 10 mm   |
| Pitch              | 10 mm   |

### Material specifications

|       |       |
|-------|-------|
| Color | white |
|-------|-------|

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|  |    |
|--|----|
| Flammability rating according to UL 94 | -  |
| Insulating material                    | PP |

## Mechanical properties

### Mechanical data

|                 |    |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

### Technical data

|                    |       |
|--------------------|-------|
| Drill hole spacing | 10 mm |
|--------------------|-------|

## Mounting

|               |                         |
|---------------|-------------------------|
| Mounting type | direct screw connection |
|---------------|-------------------------|

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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 |
|---|--------------------|

### 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.036 kg CO2e |
|---------|---------------|

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