

EC 16 P TR - Europe connectors



3240182

<https://www.phoenixcontact.com/us/products/3240182>

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Polyamide Europe terminal strip, transparent, with wire protection, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 6 to 16 mm²

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 3240182 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | BE73 |
| Product key | BE7322 |
| GTIN | 4046356457934 |
| Weight per piece (including packing) | 83.59 g |
| Weight per piece (excluding packing) | 83.59 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 | 15 mm |
| Number of connections | 24 |
| Number of rows | 1 |

Electrical properties

| | |
|---|--------|
| Maximum power dissipation for nominal condition | 2.43 W |
|---|--------|

Connection data

| | |
|---|--|
| Nominal cross section | 16 mm ² |
| Connection method | Screw connection |
| Screw thread | M4 |
| Tightening torque | 1.2 ... 1.5 Nm |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 6 mm ² ... 16 mm ² |
| Cross section AWG | 10 ... 6 (converted acc. to IEC) |
| Conductor cross-section flexible | 6 mm ² ... 16 mm ² |
| Conductor cross-section, flexible [AWG] | 10 ... 6 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 1.5 mm ² ... 10 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 1.5 mm ² ... 10 mm ² |
| 2 conductors with same cross section, rigid | 1.5 mm ² ... 4 mm ² |
| 2 conductors with same cross section, flexible | 2.5 mm ² ... 4 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 1.5 mm ² ... 2.5 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.75 mm ² ... 2.5 mm ² |
| Nominal cross section | 16 mm ² |
| Nominal current | 76 A (with 16 mm ² conductor cross-section) |
| Maximum load current | 76 A (with 16 mm ² conductor cross-section) |
| Nominal voltage | 450 V |

Dimensions

| | |
|--------------------|---------|
| Width | 25.2 mm |
| Height | 20.8 mm |
| Depth | 25.2 mm |
| Drill hole spacing | 15 mm |
| Pitch | 15 mm |

Material specifications

| | |
|-------|-------------|
| Color | transparent |
|-------|-------------|

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| | |
|--|----|
| Flammability rating according to UL 94 | V2 |
| Insulating material | PA |

Mechanical properties

Mechanical data

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

Technical data

| | |
|--------------------|-------|
| Drill hole spacing | 15 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 |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 7e0ee1ab-891d-436a-a3a3-48d2b4f084da |

EF3.1 Climate Change

| | |
|---------|--------------|
| CO2e kg | 0.21 kg CO2e |
|---------|--------------|

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