

# EC 25 TR - Europe connectors

3240185

<https://www.phoenixcontact.com/us/products/3240185>

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Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 10 to 25 mm<sup>2</sup>

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 3240185                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BE73                           |
| Product key                          | BE7321                         |
| GTIN                                 | 4046356457897                  |
| Weight per piece (including packing) | 117.44 g                       |
| Weight per piece (excluding packing) | 117.44 g                       |
| Customs tariff number                | 85369010                       |
| Country of origin                    | AT                             |

## Technical data

### Product properties

|                       |                  |
|-----------------------|------------------|
| Product type          | Europe connector |
| Number of positions   | 12               |
| Pitch                 | 16 mm            |
| Number of connections | 24               |
| Number of rows        | 1                |

### Electrical properties

|                                                 |        |
|-------------------------------------------------|--------|
| Maximum power dissipation for nominal condition | 3.26 W |
|-------------------------------------------------|--------|

### Connection data

|                                                                                           |                                                         |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Nominal cross section                                                                     | 25 mm <sup>2</sup>                                      |
| Connection method                                                                         | Screw connection                                        |
| Screw thread                                                                              | M5                                                      |
| Tightening torque                                                                         | 2 ... 3 Nm                                              |
| Stripping length                                                                          | 9 mm                                                    |
| Conductor cross-section rigid                                                             | 10 mm <sup>2</sup> ... 25 mm <sup>2</sup>               |
| Cross section AWG                                                                         | 8 ... 4 (converted acc. to IEC)                         |
| Conductor cross-section flexible                                                          | 10 mm <sup>2</sup> ... 25 mm <sup>2</sup>               |
| Conductor cross-section, flexible [AWG]                                                   | 8 ... 4 (converted acc. to IEC)                         |
| Conductor cross-section flexible (ferrule without plastic sleeve)                         | 4 mm <sup>2</sup> ... 16 mm <sup>2</sup>                |
| Flexible conductor cross-section (ferrule with plastic sleeve)                            | 4 mm <sup>2</sup> ... 10 mm <sup>2</sup>                |
| 2 conductors with same cross section, rigid                                               | 4 mm <sup>2</sup> ... 6 mm <sup>2</sup>                 |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve       | 2.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>               |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>               |
| Nominal cross section                                                                     | 25 mm <sup>2</sup>                                      |
| Nominal current                                                                           | 101 A (with 25 mm <sup>2</sup> conductor cross-section) |
| Maximum load current                                                                      | 101 A (with 25 mm <sup>2</sup> conductor cross-section) |
| Nominal voltage                                                                           | 750 V                                                   |

### Dimensions

|                    |       |
|--------------------|-------|
| Width              | 30 mm |
| Height             | 28 mm |
| Depth              | 30 mm |
| Drill hole spacing | 16 mm |
| Pitch              | 16 mm |

### Material specifications

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

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|                     |    |
|---------------------|----|
| Insulating material | PA |
|---------------------|----|

## Mechanical properties

### Mechanical data

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

### Technical data

|                    |       |
|--------------------|-------|
| Drill hole spacing | 16 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                                | 35b0de99-94f9-4167-9418-885122c875c6 |

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