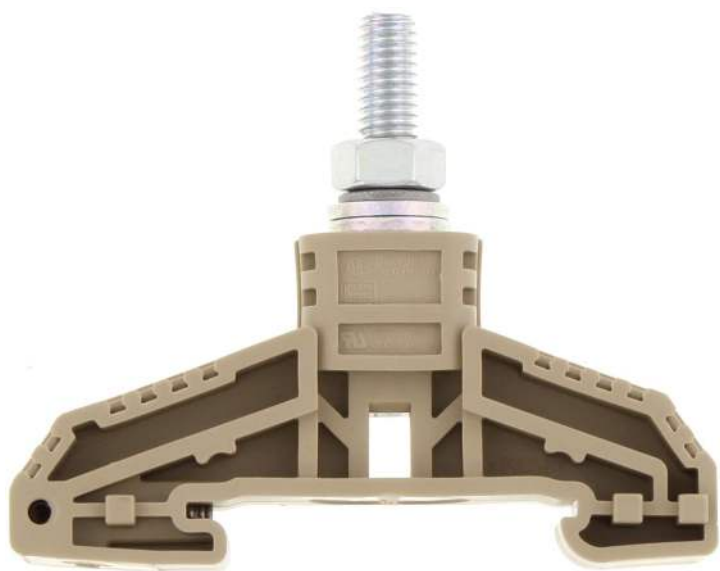


# Data sheet

## 17001.2 HSK 35/M6 B BG



High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 35 mm², Width: 16 mm, Colour: Beige

### Business data

|                                            |                          |
|--------------------------------------------|--------------------------|
| Article number                             | 17001.2                  |
| Article name                               | HSK 35/M6 B BG           |
| GTIN (EAN)                                 | 4044211131463            |
| Packaging unit                             | 10                       |
| Quantity unit                              | PC                       |
| Weight per piece (not including packaging) | 25.3 g                   |
| Weight per piece (including packaging)     | 31.23 g                  |
| Unit of weight                             | G                        |
| Customs number                             | 85369010                 |
| Country of origin                          | DE                       |
| Product description                        | High-power stud terminal |
| Colour                                     | Beige                    |

### Technical data

#### Dimensions

|                              |         |
|------------------------------|---------|
| Length                       | 67 mm   |
| Length with TW/ADH           | 67 mm   |
| Width                        | 16 mm   |
| Height TS 35/7.5             | 55.5 mm |
| Height TS 35/7.5 with TW/ADH | 58 mm   |

#### Ratings

|                                                 |                    |
|-------------------------------------------------|--------------------|
| Rated voltage                                   | 1000 V             |
| Rated current                                   | 125 A              |
| Rated cross-section                             | 35 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV               |
| Overvoltage category                            | III                |
| Contamination degree                            | 3                  |
| Maximum power dissipation for nominal condition | 4 W                |

#### Connection data

|                               |                      |
|-------------------------------|----------------------|
| Connection principle          | Stud connection      |
| Connection position           | Top                  |
| Connections                   | 1                    |
| Number of terminals per level | 1                    |
| Number of levels              | 1                    |
| Wire cross-section AWG, min.  | 14                   |
| Wire cross-section AWG, max.  | 2                    |
| Bolt head                     | Hexagon              |
| Bolt thread                   | M 6                  |
| Tightening torque, min.       | 3 Nm                 |
| Tightening torque, max.       | 6 Nm                 |
| Contact wire range            | ? 35 mm <sup>2</sup> |

#### Materials

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-0           |
| Working temperature, min. | -40 °C        |
| Working temperature, max. | 120 °C        |

### Technical data

#### Further technical data

|                                         |                         |
|-----------------------------------------|-------------------------|
| Mounting type                           | Mounting rail TS 35/7,5 |
| Number of cross-connection channels     | 1                       |
| DIN 46234 / 1 cable lug per side, min.  | 2.5 mm <sup>2</sup>     |
| DIN 46234 / 1 cable lug per side, max.  | 35 mm <sup>2</sup>      |
| DIN 46234 / 2 cable lugs per side, min. | 2.5 mm <sup>2</sup>     |
| DIN 46234 / 2 cable lugs per side, max. | 35 mm <sup>2</sup>      |
| DIN 46235: 1 cable lug per side, max.   | 35 mm <sup>2</sup>      |
| DIN 46235: 1 cable lug per side, min.   | 6 mm <sup>2</sup>       |
| DIN 46235: 2 cable lugs per side, min.  | 6 mm <sup>2</sup>       |
| DIN 46235: 2 cable lugs per side, max.  | 35 mm <sup>2</sup>      |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-01-17 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

### Approvals

#### Standards and regulations

|                      |                |
|----------------------|----------------|
| EAC approval         | TR ZU 004/2011 |
| EAC approval granted | yes            |

#### CSA approval

|                                  |              |
|----------------------------------|--------------|
| CSA approval                     | C22.2 No 158 |
| CSA approval granted             | yes          |
| CSA Usegroup C: rated voltage    | 1000 V       |
| CSA Usegroup C: rated current    | 115 A        |
| CSA Usegroup D: rated voltage    | 1000 V       |
| CSA Usegroup D: rated current    | 115 A        |
| CSA wire cross-section AWG, max. | 4            |
| CSA torque, max.                 | 12.4 Nm      |

#### CSAus approval

|                                    |         |
|------------------------------------|---------|
| CSAus approval                     | UL 1059 |
| CSAus approval granted             | yes     |
| CSAus Usegroup C: rated voltage    | 1000 V  |
| CSAus Usegroup C: rated current    | 115 A   |
| CSAus Usegroup D: rated voltage    | 1000 V  |
| CSAus Usegroup D: rated current    | 115 A   |
| CSAus wire cross-section AWG, max. | 4       |
| CSAus torque, max.                 | 12.4 Nm |

#### cUL Recognized

|                                  |              |
|----------------------------------|--------------|
| cUL approval                     | C22.2 No 158 |
| cUL Usegroup E: rated voltage    | 1000 V       |
| cUL Usegroup E: rated current    | 115 A        |
| cUL wire cross-section AWG, max. | 2            |
| cUL torque, max.                 | 12.4 Nm      |
| cUL wire material                | Cu           |
| cUL Recognized                   | 1            |

### Approvals

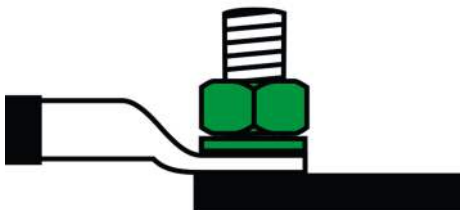
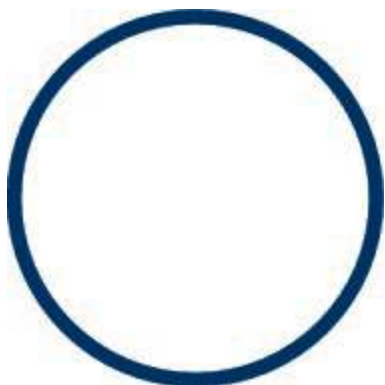
#### KEMA KEUR approval

|                                           |                     |
|-------------------------------------------|---------------------|
| KEMA KEUR approval                        | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                | yes                 |
| KEMA rated voltage                        | 1000 V              |
| KEMA rated current                        | 125 A               |
| KEMA rated impulse voltage                | 8 kV                |
| KEMA wire cross-section (DIN 46234), min. | 2.5 mm <sup>2</sup> |
| KEMA wire cross-section (DIN 46234), max. | 35 mm <sup>2</sup>  |
| KEMA wire cross-section (DIN 46235), min. | 6 mm <sup>2</sup>   |
| KEMA wire cross-section (DIN 46235), max. | 35 mm <sup>2</sup>  |

#### UL Recognized

|                                 |              |
|---------------------------------|--------------|
| UL approval                     | UL 1059      |
| UL Usegroup E: rated voltage    | 1000 V       |
| UL Usegroup E: rated current    | 115 A        |
| UL wire cross-section AWG, max. | 2            |
| UL torque, max.                 | 109.7 Lb In. |
| UL wire material                | Cu           |
| UL factory wiring               | 1            |
| UL field wiring                 | 1            |
| UL Recognized                   | 1            |

Media



### Accessories

#### Protective hood



Cover profile, Length: 70 mm, Width: 16 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17020.8</u> | AD 35 YE     | 4044211131654 | 20 ST          |

#### End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2828.0</u>  | ES 35/K/ST BG | 4044211055547 | 50             |

#### Cross-connector

Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 32 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17010.0</u> | QS 2/35      | 4044211131555 | 10 ST          |



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 37 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

| Article number | Article name        | GTIN (EAN)    | Packaging unit |
|----------------|---------------------|---------------|----------------|
| <u>17028.2</u> | QS 2 HSK 35/M6 - M8 | 4044211139735 | 1 ST           |



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 82 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

| Article number | Article name           | GTIN (EAN)    | Packaging unit |
|----------------|------------------------|---------------|----------------|
| <u>17029.2</u> | QS 3 HSK 35/M6 - M10/2 | 4044211139742 | 1 ST           |

17001.2 HSK 35/M6 B BG

Cross-connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 50 mm, Rated cross-section: 35 mm², Colour: natural

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17011.0</u> | QS 3/35      | 4044211131562 | 10 ST          |

Partition plate



Partition plate, Width: 2 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17018.2</u> | TW 16-120 BG | 4044211131630 | 20 ST          |