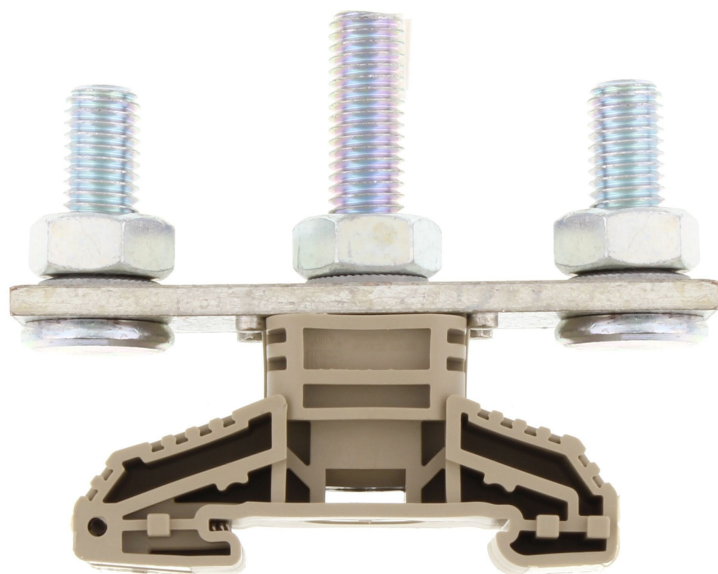


## 17007.2 HSK 120/M10 B/B BG



High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 120 mm<sup>2</sup>, Width: 32 mm, Colour: Beige

### Business data

|  |                          |
|--|--------------------------|
| Article number                             | <u>17007.2</u>           |
| Article name                               | HSK 120/M10 B/B BG       |
| GTIN (EAN)                                 | 4044211131524            |
| Packaging unit                             | 10                       |
| Quantity unit                              | PC                       |
| Weight per piece (not including packaging) | 214 g                    |
| Weight per piece (including packaging)     | 220.9 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           | 156 mm  |
| Width                        | 32 mm   |
| Height TS 35/7.5             | 73.5 mm |
| Height TS 35/7.5 with TW/ADH | 78.5 mm |

#### Ratings

|   |                     |
|---|---------------------|
| Rated voltage                                   | 1000 V              |
| Rated current                                   | 269 A               |
| Rated cross-section                             | 120 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV                |
| Overvoltage category                            | III                 |
| Contamination degree                            | 3                   |
| Maximum power dissipation for nominal condition | 8.61 W              |

#### Connection data

|                               |                       |
|-------------------------------|-----------------------|
| Connection principle          | Stud connection       |
| Connection position           | Top                   |
| Connections                   | 2                     |
| Number of terminals per level | 2                     |
| Number of levels              | 1                     |
| Wire cross-section AWG, min.  | 10                    |
| Wire cross-section AWG, max.  | 250 Kcmil             |
| Bolt head                     | Hexagon               |
| Bolt thread                   | M 10                  |
| Tightening torque, min.       | 10 Nm                 |
| Tightening torque, max.       | 20 Nm                 |
| Contact wire range            | ≤ 120 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        |

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### Technical data

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#### 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.  | 6 mm <sup>2</sup>       |
| DIN 46234 / 1 cable lug per side, max.  | 120 mm <sup>2</sup>     |
| DIN 46234 / 2 cable lugs per side, min. | 6 mm <sup>2</sup>       |
| DIN 46234 / 2 cable lugs per side, max. | 120 mm <sup>2</sup>     |
| DIN 46235: 1 cable lug per side, max.   | 95 mm <sup>2</sup>      |
| DIN 46235: 1 cable lug per side, min.   | 10 mm <sup>2</sup>      |
| DIN 46235: 2 cable lugs per side, min.  | 10 mm <sup>2</sup>      |
| DIN 46235: 2 cable lugs per side, max.  | 95 mm <sup>2</sup>      |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | Yes        |
| REACH Reference date           | 2024-06-27 |
| 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 | 225 A |
|-------------------------------|-------|

|                               |        |
|-------------------------------|--------|
| CSA Usegroup D: rated voltage | 1000 V |
|-------------------------------|--------|

|                               |       |
|-------------------------------|-------|
| CSA Usegroup D: rated current | 220 A |
|-------------------------------|-------|

|                                  |     |
|----------------------------------|-----|
| CSA wire cross-section AWG, max. | 2/0 |
|----------------------------------|-----|

|                  |         |
|------------------|---------|
| CSA torque, max. | 20.3 Nm |
|------------------|---------|

#### CSAus approval

|                |         |
|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

|                        |     |
|------------------------|-----|
| CSAus approval granted | yes |
|------------------------|-----|

|                                 |        |
|---------------------------------|--------|
| CSAus Usegroup C: rated voltage | 1000 V |
|---------------------------------|--------|

|                                 |       |
|---------------------------------|-------|
| CSAus Usegroup C: rated current | 225 A |
|---------------------------------|-------|

|                                 |        |
|---------------------------------|--------|
| CSAus Usegroup D: rated voltage | 1000 V |
|---------------------------------|--------|

|                                 |       |
|---------------------------------|-------|
| CSAus Usegroup D: rated current | 220 A |
|---------------------------------|-------|

|                                    |     |
|------------------------------------|-----|
| CSAus wire cross-section AWG, max. | 2/0 |
|------------------------------------|-----|

|                    |         |
|--------------------|---------|
| CSAus torque, max. | 20.3 Nm |
|--------------------|---------|

#### cUL Recognized

|              |              |
|--------------|--------------|
| cUL approval | C22.2 No 158 |
|--------------|--------------|

|                               |        |
|-------------------------------|--------|
| cUL Usegroup E: rated voltage | 1000 V |
|-------------------------------|--------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup E: rated current | 225 A |
|-------------------------------|-------|

|                                  |           |
|----------------------------------|-----------|
| cUL wire cross-section AWG, max. | 250 Kcmil |
|----------------------------------|-----------|

|                  |         |
|------------------|---------|
| cUL torque, max. | 20.3 Nm |
|------------------|---------|

|                   |    |
|-------------------|----|
| cUL wire material | Cu |
|-------------------|----|

|                |   |
|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

### Approvals

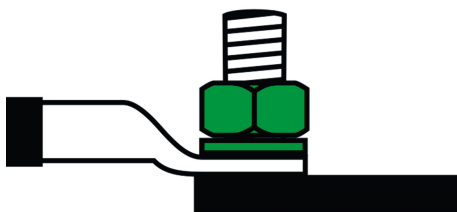
#### KEMA KEUR approval

|   |                     |
|---|---------------------|
| KEMA KEUR approval                        | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                | yes                 |
| KEMA rated voltage                        | 1000 V              |
| KEMA rated current                        | 269 A               |
| KEMA rated impulse voltage                | 8 kV                |
| KEMA wire cross-section (DIN 46234), min. | 6 mm <sup>2</sup>   |
| KEMA wire cross-section (DIN 46234), max. | 120 mm <sup>2</sup> |
| KEMA wire cross-section (DIN 46235), min. | 10 mm <sup>2</sup>  |
| KEMA wire cross-section (DIN 46235), max. | 95 mm <sup>2</sup>  |

#### UL Recognized

|                                 |              |
|---------------------------------|--------------|
| UL approval                     | UL 1059      |
| UL Usegroup E: rated voltage    | 1000 V       |
| UL Usegroup E: rated current    | 255 A        |
| UL wire cross-section AWG, max. | 250 Kcmil    |
| UL torque, max.                 | 179.7 Lb In. |
| UL wire material                | Cu           |
| UL factory wiring               | 1            |
| UL field wiring                 | 1            |
| UL Recognized                   | 1            |

### Media



### Accessories

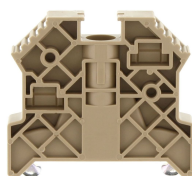
#### Protective hood



Cover profile, Length: 156 mm, Width: 32 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17026.8</u> | AD 120 YE    | 4044211131715 | 20 ST          |

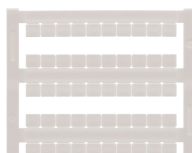
#### End stop



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             |

#### Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>4702.7</u>  | PMC SB 6/50 WH | 4044211089986 | 500 ST         |

#### Partition plate



Partition plate, Width: 2 mm, Colour: Beige

| Article number | Article name     | GTIN (EAN)    | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>17022.2</u> | TW 35-120/B/B BG | 4044211131678 | 20 ST          |