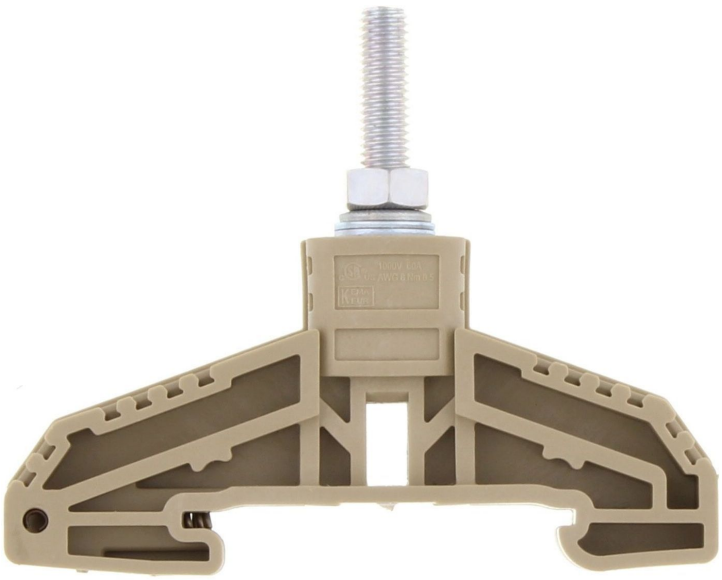
# Data sheet

## 17000.2 HSK 16/M5 B BG



High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm², Width: 13 mm, Colour: Beige

### Business data

| | |
|---|---|
| Article number | 17000.2 |
| Article name | HSK 16/M5 B BG |
| GTIN (EAN) | 4044211131333 |
| Colour | Beige |
| Packaging unit | 10 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 18.5 g |
| Weight per piece (including packaging) | 22.12 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Product description | High-power stud terminal |

# Data sheet

## 17000.2 HSK 16/M5 B BG

## Technical data

| | |
|---|---|
| **Dimensions** | |
| Length | 67 mm |
| Length with TW/ADH | 67 mm |
| Width | 13 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 | 76 A |
| Rated cross-section | 16 mm² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 2.43 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. | 10 |
| Wire cross-section AWG, max. | 1/0 |
| Bolt head | Hexagon |
| Bolt thread | M 5 |
| Tightening torque, min. | 2 Nm |
| Tightening torque, max. | 4 Nm |
| Contact wire range | ? 16 mm² |
| **Materials** | |
| Insulation housing | Polyamide 6.6 |
| Flammability class UL 94 | V-0 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |

# Data sheet

## 17000.2 HSK 16/M5 B BG

## 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. | 0.1 mm² |
| DIN 46234 / 1 cable lug per side, max. | 16 mm² |
| DIN 46234 / 2 cable lugs per side, min. | 0.1 mm² |
| DIN 46234 / 2 cable lugs per side, max. | 16 mm² |
| DIN 46235: 1 cable lug per side, max. | 10 mm² |
| DIN 46235: 1 cable lug per side, min. | 6 mm² |
| DIN 46235: 2 cable lugs per side, min. | 6 mm² |
| DIN 46235: 2 cable lugs per side, max. | 10 mm² |

### Environmental Product Compliance

| | |
|---|---|
| REACH Conform | yes |
| REACH Reference date | 2022-06-10 |
| 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 | 60 A |
| CSA Usegroup D: rated voltage | 1000 V |
| CSA Usegroup D: rated current | 60 A |
| CSA wire cross-section AWG, max. | 8 |
| CSA torque, max. | 8.5 Nm |
| **CSAus approval** | |
| CSAus approval | UL 1059 |
| CSAus approval granted | yes |
| CSAus Usegroup C: rated voltage | 1000 V |
| CSAus Usegroup C: rated current | 60 A |
| CSAus Usegroup D: rated voltage | 1000 V |
| CSAus Usegroup D: rated current | 60 A |
| CSAus wire cross-section AWG, max. | 8 |
| CSAus torque, max. | 8.5 Nm |
| **cUL Recognized** | |
| cUL approval | C22.2 No 158 |
| cUL Usegroup E: rated voltage | 1000 V |
| cUL Usegroup E: rated current | 60 A |
| cUL wire cross-section AWG, max. | 6 |
| cUL torque, max. | 8.5 Nm |
| cUL wire material | Cu |
| cUL Recognized | 1 |

## Approvals

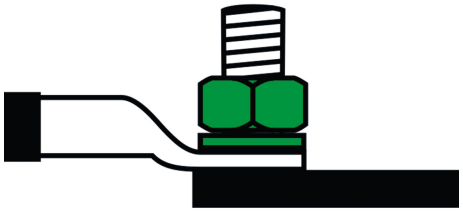
### KEMA KEUR approval

| | |
|---|---|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 1000 V |
| KEMA rated current | 76 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section (DIN 46234), min. | 0.1 mm² |
| KEMA wire cross-section (DIN 46234), max. | 16 mm² |
| KEMA wire cross-section (DIN 46235), min. | 0.1 mm² |
| KEMA wire cross-section (DIN 46235), max. | 10 mm² |

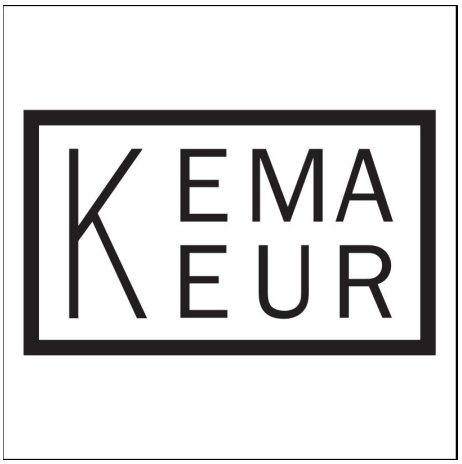
### UL Recognized

| | |
|---|---|
| UL approval | UL 1059 |
| UL Usegroup E: rated voltage | 1000 V |
| UL Usegroup E: rated current | 60 A |
| UL wire cross-section AWG, max. | 6 |
| UL torque, max. | 75.2 Lb In. |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

## Media

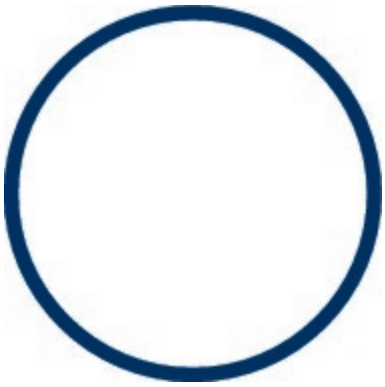














## Accessories

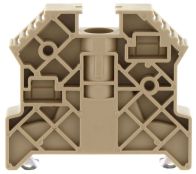
### Protective hood



Cover profile, Length: 52 mm, Width: 13 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 17019.8 | AD 16 YE | 4044211131647 | 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 |
|---|---|---|---|
| 2828.0 | ES 35/K/ST BG | 4044211055547 | 50 |

### Cross-connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 27 mm, Rated cross-section: 16 mm², Colour: natural

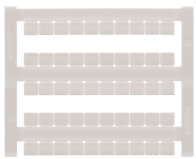
| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 17008.0 | QS 2/16 | 4044211131531 | 10 ST |



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 42 mm, Rated cross-section: 16 mm², Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 17009.0 | QS 3/16 | 4044211131548 | 10 ST |

### Quick marking



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

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

# Data sheet

## 17000.2 HSK 16/M5 B BG

### Partition plate



Partition plate, Width: 2 mm, Colour: Beige

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