

High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 70 mm<sup>2</sup>, Width: 32 mm, Colour: Beige

#### Business data

Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	146.7 g
Weight per piece (including packaging)	156.2 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	High-power stud terminal

### Technical data

#### Dimensions

Length	132 mm
Length with TW/ADH	180 mm
Width	32 mm
Height TS 35/7.5	61 mm
Height TS 35/7.5 with TW/ADH	70 mm

#### Ratings

Rated voltage	1000 V
Rated current	192 A
Rated cross-section	70 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	6.14 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.	14
Wire cross-section AWG, max.	3/0
Bolt head	Hexagon
Bolt thread	M 8
Tightening torque, min.	6 Nm
Tightening torque, max.	12 Nm
Contact wire range	? 95 mm <sup>2</sup>

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### Technical data

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#### Materials

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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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#### Further technical data

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Mounting type	Mounting rail TS 35/7,5
Spanner width (AF)	13 mm
Number of cross-connection channels	2
DIN 46234 / 1 cable lug per side, min.	2.5 mm <sup>2</sup>
DIN 46234 / 1 cable lug per side, max.	95 mm <sup>2</sup>
DIN 46235: 1 cable lug per side, max.	70 mm <sup>2</sup>
DIN 46235: 1 cable lug per side, min.	16 mm <sup>2</sup>

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#### Print

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Colour	Beige
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#### Environmental Product Compliance

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REACH Conform	yes
REACH Reference date	2021-07-08
REACH Candidate Substance Note	No
RoHS Conform	yes

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### Approvals

#### CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	1000 V
CSA Usegroup C: rated current	175 A
CSA Usegroup D: rated voltage	1000 V
CSA Usegroup D: rated current	175 A
CSA wire cross-section AWG, min.	14
CSA wire cross-section AWG, max.	3/0
CSA torque, max.	12 Nm
CSA torque, min.	6 Nm

#### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	1000 V
CSAus Usegroup C: rated current	175 A
CSAus Usegroup D: rated voltage	1000 V
CSAus Usegroup D: rated current	175 A
CSAus wire cross-section AWG, min.	14
CSAus wire cross-section AWG, max.	3/0
CSAus torque, min.	6 Nm
CSAus torque, max.	12 Nm

### Approvals

#### cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	1000 V
cUL Usegroup B: rated current	175 A
cUL Usegroup C: rated voltage	1000 V
cUL Usegroup C: rated current	175 A
cUL Usegroup D: rated voltage	1000 V
cUL Usegroup D: rated current	175 A
cUL Usegroup E: rated voltage	1000 V
cUL Usegroup E: rated current	175 A
cUL wire cross-section AWG, min.	14
cUL wire cross-section AWG, max.	3/0
cUL torque, min.	6 Nm
cUL torque, max.	12 Nm
cUL wire material	Cu
cUL Recognized	yes

#### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	192 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section, min.	2.5 mm <sup>2</sup>
KEMA wire cross-section, max.	95 mm <sup>2</sup>
KEMA torque, min.	6 Nm
KEMA torque, max.	12 Nm

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### Approvals

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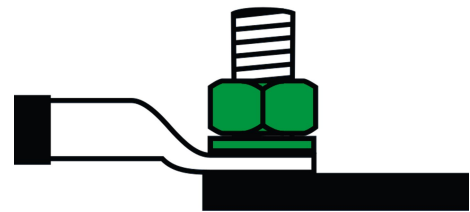
#### UL Recognized

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UL approval	UL 1059
UL Usegroup B: rated voltage	1000 V
UL Usegroup B: rated current (only for factory wiring)	175 A
UL Usegroup C: rated voltage	1000 V
UL Usegroup C: rated current (only for factory wiring)	175 A
UL Usegroup D: rated voltage	1000 V
UL Usegroup D: rated current	175 A
UL Usegroup E: rated voltage	1000 V
UL Usegroup E: rated current	175 A
UL wire cross-section AWG, min.	14
UL wire cross-section AWG, max.	3/0
UL torque, min.	53.1 Lb In.
UL torque, max.	106.2 Lb In.
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

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#### Media



17035.2

HSKG 70/M8/B/B BG

## Accessories

### Protective hood

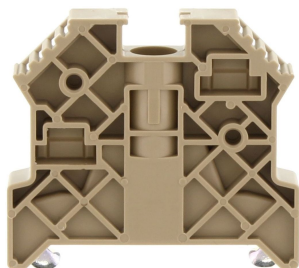


Cover profile, Length: 86.8 mm, Width: 31.9 mm, Colour: Yellow

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet
17268.8	ADH 70 YE	4044211186609	500 ST

### End stop



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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet
2828.0	ES 35/K/ST BG	4044211055547	500 ST



17035.2

HSKG 70/M8/B/B BG

## Accessories

### Cross-connection rail



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 57 mm, Rated cross-section: 70 mm<sup>2</sup>, Colour: natural

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17269.0	QS 2/70/8	4044211186890	500 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 89 mm, Rated cross-section: 70 mm<sup>2</sup>, Colour: natural

#### detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17270.0	QS 3/70/8	4044211186906	500 ST

17035.2

HSKG 70/M8/B/B BG

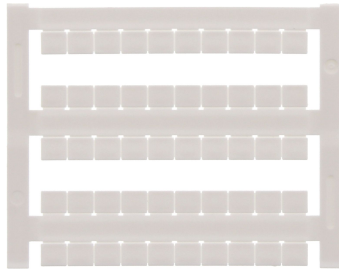
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## Accessories

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### Quick marking

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

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detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

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