

High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 120 mm<sup>2</sup>, Width: 42 mm, Colour: Beige

### Business data

Article number	17023.2
Article name	HSKG 120/M10/B/B BG
GTIN (EAN)	4044211177416
Packaging unit	5
Quantity unit	PC
Weight per piece (not including packaging)	230 g
Weight per piece (including packaging)	245.7 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	High-power stud terminal
Colour	Beige

### Technical data

#### Dimensions

Length	133 mm
Length with TW/ADH	226 mm
Width	42 mm
Height TS 35/7.5	72 mm
Height TS 35/7.5 with TW/ADH	80 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

### Technical data

#### Further technical data

Mounting type	Mounting rail TS 35/7,5
Spanner width (AF)	17 mm
Number of cross-connection channels	2
DIN 46234 / 1 cable lug per side, min.	6 mm <sup>2</sup>
DIN 46234 / 1 cable lug per side, max.	15 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.	150 mm <sup>2</sup>
DIN 46235: 1 cable lug per side, min.	16 mm <sup>2</sup>
DIN 46235: 2 cable lugs per side, min.	16 mm <sup>2</sup>
DIN 46235: 2 cable lugs per side, max.	120 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

Bureau Veritas approval	IEC 60947-7-1
Bureau Veritas approval granted	yes
EAC approval	TR ZU 004/2011
EAC approval granted	yes

#### cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	1000 V
cUL Usegroup B: rated current	310 A
cUL Usegroup C: rated voltage	1000 V
cUL Usegroup C: rated current	310 A
cUL wire cross-section AWG, min.	10
cUL wire cross-section AWG, max.	250 Kcmil
cUL torque, min.	10 Nm
cUL torque, max.	20 Nm
cUL wire material	Cu
cUL Recognized	1

#### 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, max.	120 mm <sup>2</sup>
KEMA torque, min.	10 Nm
KEMA torque, max.	20 Nm

### Approvals

#### UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	1000 V
UL Usegroup B: rated current (only for factory wiring)	225 (310) A
UL Usegroup C: rated voltage	1000 V
UL Usegroup C: rated current (only for factory wiring)	225 (310) A
UL wire cross-section AWG, min.	10
UL wire cross-section AWG, max.	250 Kcmil
UL torque, min.	88.5 Lb In.
UL torque, max.	177 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

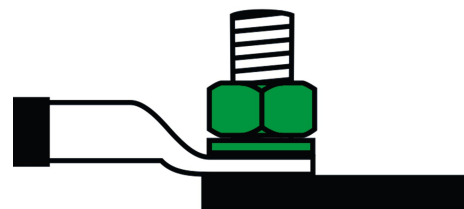
#### German Lloyd approval

DNV GL Certificate number	TAE00002JH
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	120 mm <sup>2</sup>
DNV GL rated current	269 A
DNV GL rated impulse voltage	8 kV
DNV GL rated voltage	1000 V
DNV GL test standard	IEC 60947-7-1:2009

### Media



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### Accessories

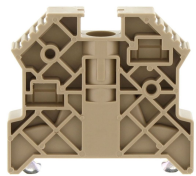
#### Protective hood



Cover profile, Length: 110.2 mm, Width: 41.9 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17025.2</u>	ADH 120 BG	4044211131685	10

#### 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-connection rail



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 77 mm, Rated cross-section: 120 mm<sup>2</sup>, Colour: natural

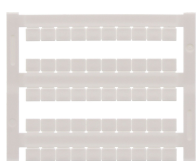
Article number	Article name	GTIN (EAN)	Packaging unit
<u>17241.0</u>	QS 2/120/10	4044211178024	10 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 119 mm, Rated cross-section: 120 mm<sup>2</sup>, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17242.0</u>	QS 3/120/10	4044211178031	10 ST

#### 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