

High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 120 mm², Width: 42 mm, Colour: Beige

Business data

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

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 ²
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 ²

Technical data

Materials

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

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 ²
DIN 46234 / 1 cable lug per side, max.	15 mm ²
DIN 46234 / 2 cable lugs per side, min.	6 mm ²
DIN 46234 / 2 cable lugs per side, max.	120 mm ²
DIN 46235: 1 cable lug per side, max.	150 mm ²
DIN 46235: 1 cable lug per side, min.	16 mm ²
DIN 46235: 2 cable lugs per side, min.	16 mm ²
DIN 46235: 2 cable lugs per side, max.	120 mm ²

Print

Colour	Beige
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Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2021-01-09, 2021-07-08
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	yes

German Lloyd approval

GL approval	IEC 60947-7-1:2009
GL approval granted	yes
GL rated voltage	1000 V
GL rated current	269 A
GL rated cross-section	120 mm ²
GL rated impulse voltage	8 kV
GL environmental category	C

Approvals

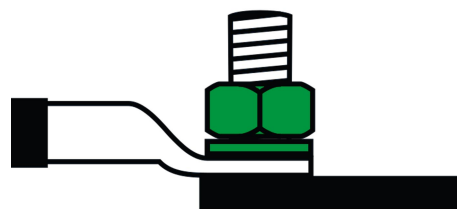
KEMA KEUR approval

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, max.	120 mm ²
KEMA torque, min.	10 Nm
KEMA torque, max.	20 Nm

UL Recognized

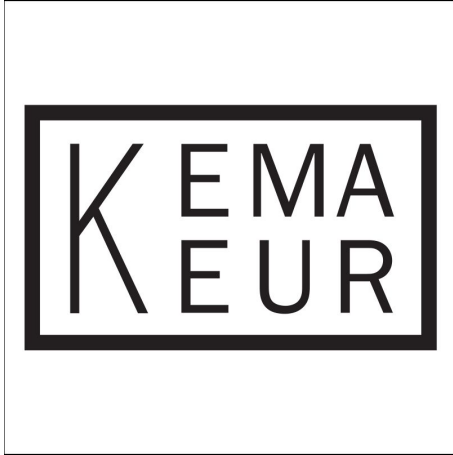
UL approval	UL 1059
UL Usegroup B: rated voltage	1000 V
UL Usegroup B: rated current (only for factory wiring)	225 (310) A
UL Usegroup C: rated voltage	1000 V
UL Usegroup C: rated current (only for factory wiring)	225 (310) A
UL wire cross-section AWG, min.	10
UL wire cross-section AWG, max.	250 Kcmil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

Media



17023.2

HSKG 120/M10/B/B BG



17023.2

HSKG 120/M10/B/B BG

Accessories

Protective hood



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

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17025.2	ADH 120 BG	4044211131685	500 ST

End stop



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

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

17023.2

HSKG 120/M10/B/B BG

Accessories

Cross-connection rail



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 77 mm, Rated cross-section: 120 mm², Colour: natural

detail.dataSheet.generalOrderData

Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17241.0	QS 2/120/10	4044211178024	500 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 119 mm, Rated cross-section: 120 mm², Colour: natural

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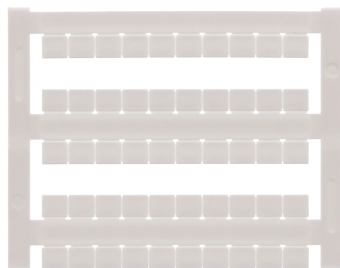
Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
17242.0	QS 3/120/10	4044211178031	500 ST

17023.2

HSKG 120/M10/B/B BG

Accessories

Quick marking



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

detail.dataSheet.generalOrderData

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