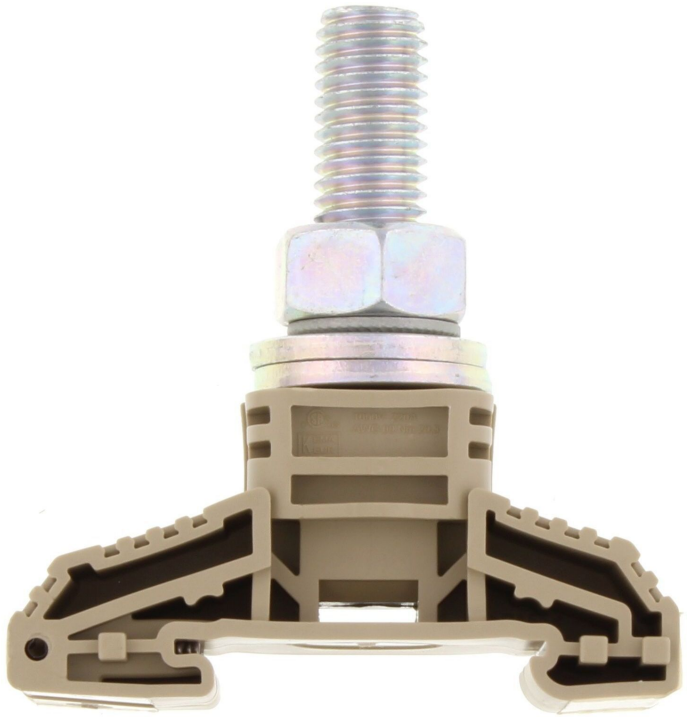
Data sheet

17004.2 HSK 120/M12 B BG



High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 120 mm², Width: 32 mm, Colour: Beige

Business data

Article number	17004.2
Article name	HSK 120/M12 B BG
GTIN (EAN)	4044211131494
Colour	Beige
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	104.5 g
Weight per piece (including packaging)	114.39 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	High-power stud terminal

Data sheet

17004.2 HSK 120/M12 B BG

Technical data

Dimensions	
Length	67 mm
Length with TW/ADH	67 mm
Width	32 mm
Height TS 35/7.5	73.5 mm
Height TS 35/7.5 with TW/ADH	76 mm
Ratings	
Rated voltage	1000 V
Rated current	269 A
Rated cross-section	120 mm²
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	1
Number of terminals per level	1
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.	14 Nm
Tightening torque, max.	31 Nm
Contact wire range	? 120 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

17004.2 HSK 120/M12 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.	6 mm²
DIN 46234 / 1 cable lug per side, max.	120 mm²
DIN 46234 / 2 cable lugs per side, min.	6 mm²
DIN 46234 / 2 cable lugs per side, max.	120 mm²
DIN 46235: 1 cable lug per side, max.	95 mm²
DIN 46235: 1 cable lug per side, min.	10 mm²
DIN 46235: 2 cable lugs per side, min.	10 mm²
DIN 46235: 2 cable lugs per side, max.	95 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	220 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	220 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	220 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 mm²
KEMA wire cross-section (DIN 46234), max.	120 mm²
KEMA wire cross-section (DIN 46235), min.	10 mm²
KEMA wire cross-section (DIN 46235), max.	95 mm²

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

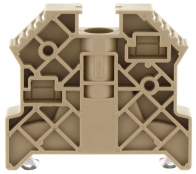
Protective hood



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

Article number	Article name	GTIN (EAN)	Packaging unit
17026.8	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
2828.0	ES 35/K/ST BG	4044211055547	50

Cross-connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 62 mm, Rated cross-section: 120 mm², Colour: natural

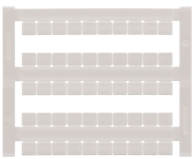
Article number	Article name	GTIN (EAN)	Packaging unit
17016.0	QS 2/120/12	4044211131616	10 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 96 mm, Rated cross-section: 120 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
17017.0	QS 3/120/12	4044211131623	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

17004.2 HSK 120/M12 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



Partition plate, Width: 2 mm, Colour: Beige

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