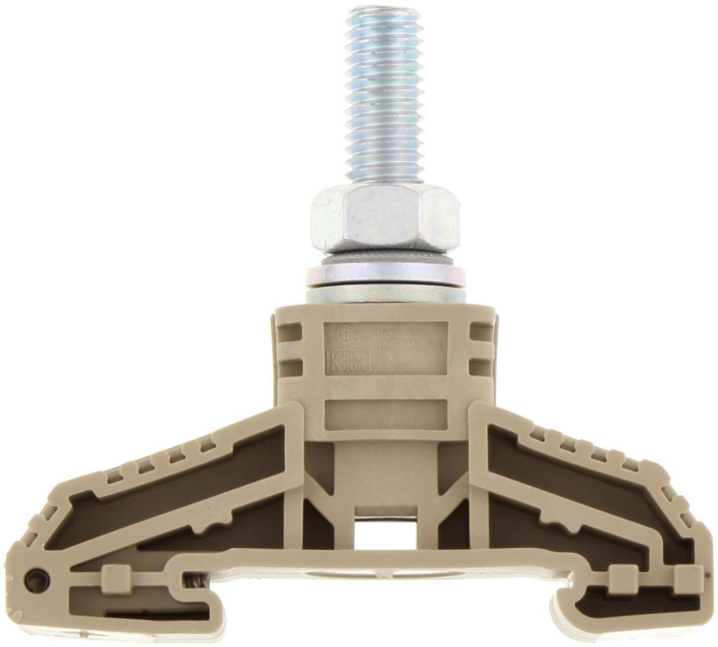
Data sheet

17002.2 HSK 50/M8 B BG



High-power stud terminal, Stud connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 50 mm², Width: 21 mm, Colour: Beige

Business data

Article number	17002.2
Article name	HSK 50/M8 B BG
GTIN (EAN)	4044211131470
Colour	Beige
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	45.1 g
Weight per piece (including packaging)	50.64 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	High-power stud terminal

Data sheet

17002.2 HSK 50/M8 B BG

Technical data

Dimensions	
Length	67 mm
Length with TW/ADH	67 mm
Width	21 mm
Height TS 35/7.5	63.5 mm
Height TS 35/7.5 with TW/ADH	66 mm
Ratings	
Rated voltage	1000 V
Rated current	150 A
Rated cross-section	50 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	4.8 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.	14
Wire cross-section AWG, max.	1/0
Bolt head	Hexagon
Bolt thread	M 8
Tightening torque, min.	6 Nm
Tightening torque, max.	12 Nm
Contact wire range	? 50 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

17002.2 HSK 50/M8 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.	2.5 mm²
DIN 46234 / 1 cable lug per side, max.	50 mm²
DIN 46234 / 2 cable lugs per side, min.	2.5 mm²
DIN 46234 / 2 cable lugs per side, max.	50 mm²
DIN 46235: 1 cable lug per side, max.	35 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.	35 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	125 A
CSA Usegroup D: rated voltage	1000 V
CSA Usegroup D: rated current	125 A
CSA wire cross-section AWG, max.	3
CSA torque, max.	16.9 Nm
CSAus approval	
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	1000 V
CSAus Usegroup C: rated current	125 A
CSAus Usegroup D: rated voltage	1000 V
CSAus Usegroup D: rated current	125 A
CSAus wire cross-section AWG, max.	3
CSAus torque, max.	16.9 Nm
cUL Recognized	
cUL approval	C22.2 No 158
cUL Usegroup E: rated voltage	1000 V
cUL Usegroup E: rated current	145 A
cUL wire cross-section AWG, max.	1/0
cUL torque, max.	16.9 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	150 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section (DIN 46234), min.	2.5 mm²
KEMA wire cross-section (DIN 46234), max.	50 mm²
KEMA wire cross-section (DIN 46235), min.	6 mm²
KEMA wire cross-section (DIN 46235), max.	35 mm²

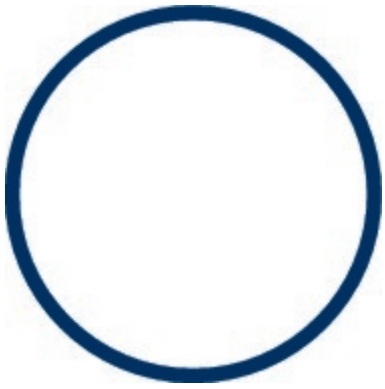
UL Recognized

UL approval	UL 1059
UL Usegroup E: rated voltage	1000 V
UL Usegroup E: rated current	150 A
UL wire cross-section AWG, max.	1/0
UL torque, max.	149.6 Lb In.
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

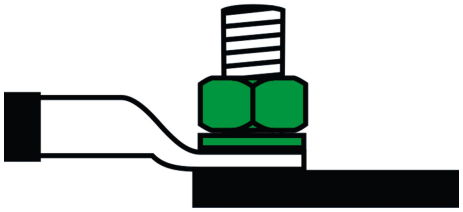
Data sheet

17002.2 HSK 50/M8 B BG

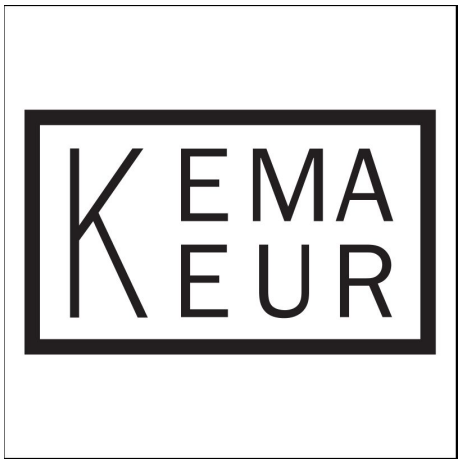
Media













Accessories

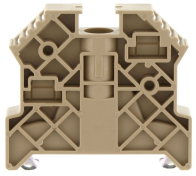
Protective hood



Cover profile, Length: 75 mm, Width: 21 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
17021.8	AD 50 YE	4044211131661	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: 3, Mounting type: Can be screwed on, Width: 64 mm, Rated cross-section: 50 mm², Colour: natural

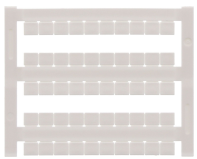
Article number	Article name	GTIN (EAN)	Packaging unit
17013.0	QS 3/50	4044211131586	10 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 41 mm, Rated cross-section: 50 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
17012.0	QS 2/50	4044211131579	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

17002.2 HSK 50/M8 B BG

Partition plate



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