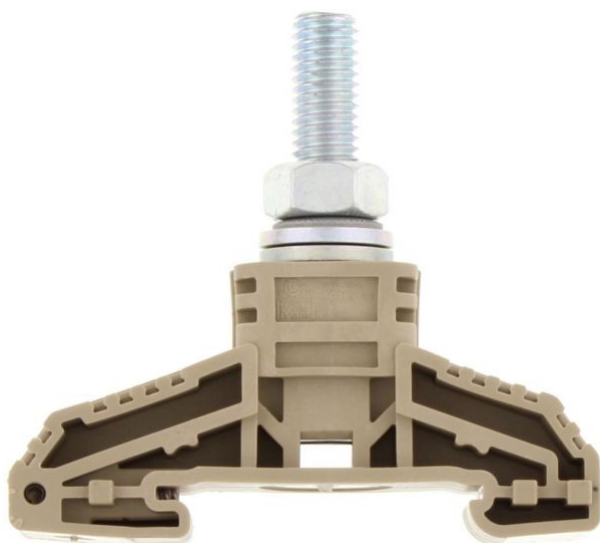


17002.2

HSK 50/M8 B BG

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

Product description	High-power stud terminal
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	45.1
Weight per piece (including packaging)	50.64
Unit of weight	G
Customs number	85369010
Country of origin	DE

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HSK 50/M8 B BG

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 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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HSK 50/M8 B BG

HSK 50/M8 B BG

Technical Data

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 mm ²

Materials

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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HSK 50/M8 B BG

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 mm ²
DIN 46234 / 1 cable lug per side, max.	50 mm ²
DIN 46234 / 2 cable lugs per side, min.	2.5 mm ²
DIN 46234 / 2 cable lugs per side, max.	50 mm ²
DIN 46235: 1 cable lug per side, max.	35 mm ²
DIN 46235: 1 cable lug per side, min.	6 mm ²
DIN 46235: 2 cable lugs per side, min.	6 mm ²
DIN 46235: 2 cable lugs per side, max.	35 mm ²

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HSK 50/M8 B BG

HSK 50/M8 B BG

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	1000 V
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CSA Usegroup C: rated current	125 A
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CSA Usegroup D: rated voltage	1000 V
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CSA Usegroup D: rated current	125 A
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CSA wire cross-section AWG, max.	3
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CSA torque, max.	16.9 Nm
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HSK 50/M8 B BG

HSK 50/M8 B BG

Approvals

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	✓
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 Recognized	C22.2 No 158
cUL Recognized	✓
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

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HSK 50/M8 B BG

HSK 50/M8 B BG

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
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 mm ²
KEMA wire cross-section (DIN 46234), max.	50 mm ²
KEMA wire cross-section (DIN 46235), min.	6 mm ²
KEMA wire cross-section (DIN 46235), max.	35 mm ²

UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
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	✓

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HSK 50/M8 B BG

HSK 50/M8 B BG

Approvals

UL Recognized

UL field wiring

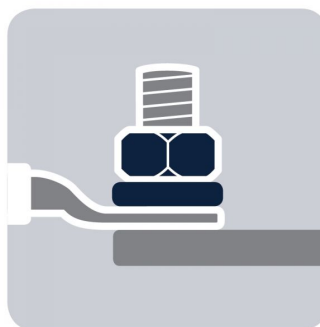
✓

17002.2

HSK 50/M8 B BG

HSK 50/M8 B BG

Media



EAC



17002.2

HSK 50/M8 B BG

HSK 50/M8 B BG

Accessories

Cover hood

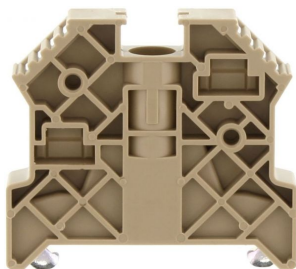


Cover profile, Length: 75 mm, Width: 21 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17021.8	AD 50	4044211131661	20 PC

End bracket



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST	4044211055547	50 PC

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HSK 50/M8 B BG

HSK 50/M8 B BG

Accessories

Cross connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 37 mm, Rated cross-section: 35 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17028.2	QS 2 HSK 35/M6 - M8	4044211139735	1 PC



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17012.0	QS 2/50	4044211131579	10 PC

17002.2

HSK 50/M8 B BG

HSK 50/M8 B BG

Accessories

Cross connector

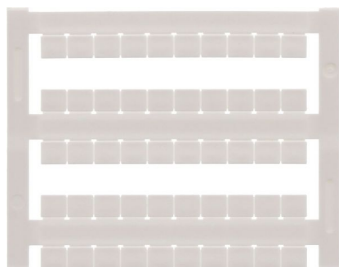


Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 64 mm, Rated cross-section: 50 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17013.0	QS 3/50	4044211131586	10 PC

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 PC

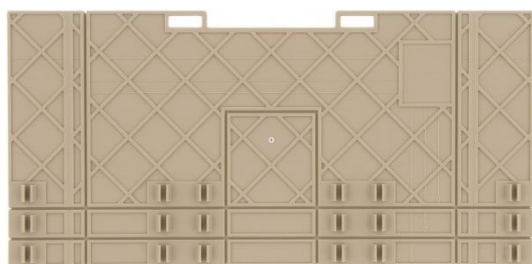
17002.2

HSK 50/M8 B BG

HSK 50/M8 B BG

Accessories

Partition plate



Partition plate, Width: 2 mm, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17022.2	TW 35-120/B/B	4044211131678	20 PC
