Data sheet

1497.2 BKA 10/1 BG



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Business data

Article number	1497.2
Article name	BKA 10/1 BG
GTIN (EAN)	4044211045319
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	11.4 g
Weight per piece (including packaging)	12.06 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1497.2
Product description	Feed-through terminal for direct mount

Data sheet

1497.2 BKA 10/1 BG

Technical data

Dimensions

Length	30 mm
Width	8 mm
Height	31 mm
Pitch	8 mm

Ratings

Rated voltage	400 V
Rated current	57 A
Rated cross-section	10 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.82 W

Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm²
Wire cross-section single core (rigid)/stranded, max.	10 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	10 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	10 mm²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	8
Stripping length	10 mm
Screw head	Slotted
Screw threading	M 4
Tightening torque, min.	1.2 Nm
Tightening torque, max.	2 Nm

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Technical data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	105 °C

Further technical data

Mounting type	Mounting face
Gauge plug acc. to EN 60 947-1	A5
End plate required	✓

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-01-07, 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	300 V
CSA Usegroup C: rated current	57 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	8
CSA stripping length	10 mm

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	300 V
CSAus Usegroup C: rated current	57 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	8
CSAus stripping length	10 mm

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	400 V
KEMA rated current	57 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm²
KEMA wire cross-section single-core (rigid), max.	10 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	10 mm²
KEMA torque, min.	1.2 Nm
KEMA torque, max.	2 Nm

Data sheet

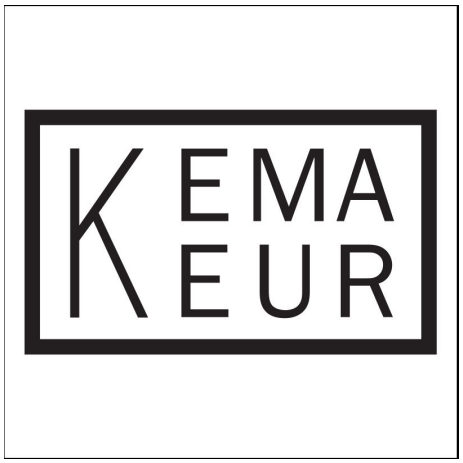
1497.2 BKA 10/1 BG

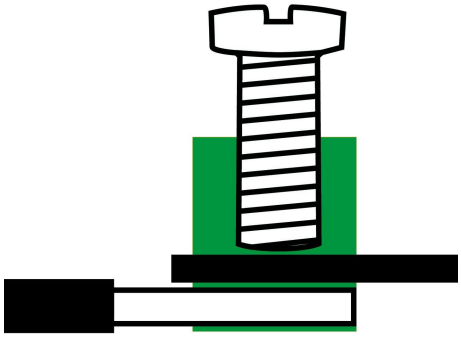
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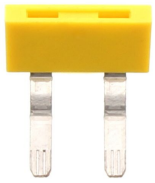




Data sheet
1497.2 BKA 10/1 BG

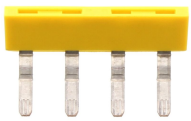
Accessories

Insulated external cross-connector



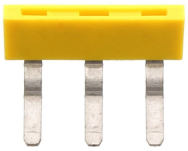
External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 16.1 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2067.0	AQI 2/8/11 YE	4044211048730	50 ST



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 32.3 mm, Rated current: 27 A; Colour: Yellow

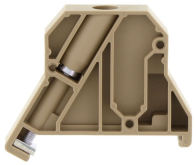
Article number	Article name	GTIN (EAN)	Packaging unit
2069.0	AQI 4/8/11 YE	4044211048754	50 ST



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 24.2 mm, Rated current: 27 A; Colour: Yellow

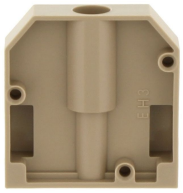
Article number	Article name	GTIN (EAN)	Packaging unit
2068.0	AQI 3/8/11 YE	4044211048747	50 ST

End support



End support, Mounting type: Mounting rail TS 35/7.5, Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2946.2	EH 35 BG	4044211056735	50 ST



End support, Mounting type: Mounting surface, Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2939.2	EH 3 BG	4044211056643	20

Quick marking

Data sheet

1497.2 BKA 10/1 BG



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
9323.7	PMC SB 8/40 WH	4044211129231	400 ST

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1087.0	SDB 0,8x4,0	4044211014803	1 ST