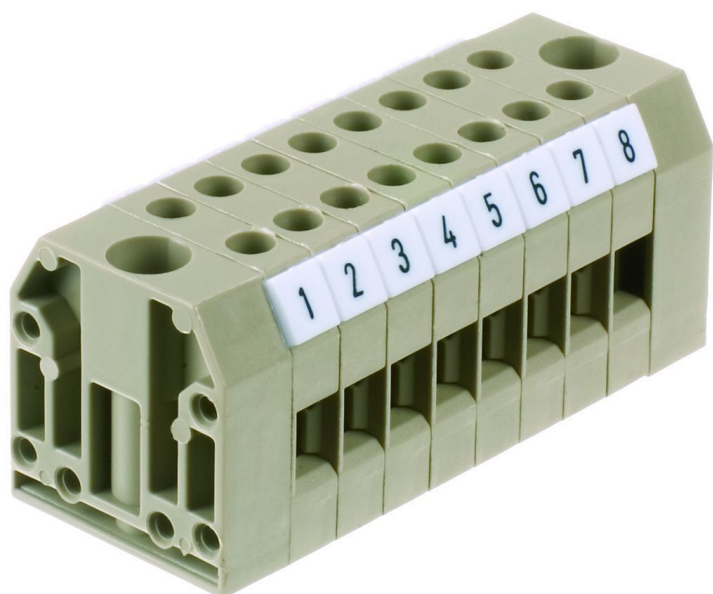


Data sheet

1353.2

BKA 2,5/4 b.B. BG



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm², Colour: Beige

Business data

Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	19.8 g
Weight per piece (including packaging)	20.74 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Feed-through terminal for direct mount

1353.2

BKA 2,5/4 b.B. BG

Technical data

Dimensions

Length	34.6 mm
Height	23 mm
Hole spacing (mid-point to mid-point)	27.5 mm
Pitch	5 mm

Ratings

Rated voltage	400 V
Rated current	24 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 W

1353.2

BKA 2,5/4 b.B. BG

Technical data

Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	8
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	7 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

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	A3
End plate required	✓

Print

Colour	Beige
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Data sheet



1353.2

BKA 2,5/4 b.B. BG

Technical data

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2021-07-08
REACH Candidate Substance Note	No
RoHS Conform	yes

1353.2

BKA 2,5/4 b.B. BG

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	20 A
cUL Usegroup C: rated voltage	300 V
cUL Usegroup C: rated current	20 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	12
cUL torque	5.3 Nm
cUL wire material	Cu
cUL Recognized	yes

KEMA KEUR approval

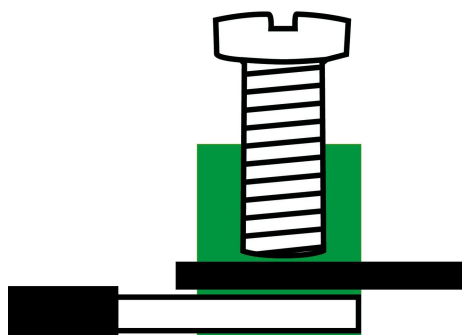
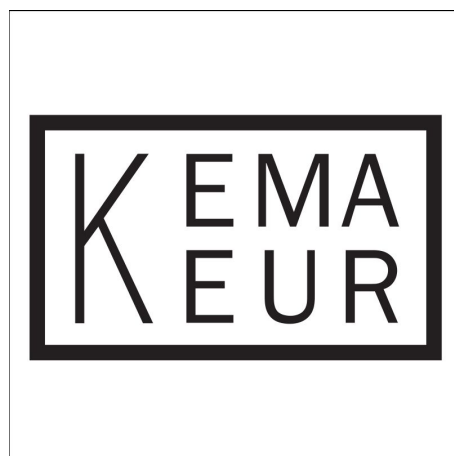
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	400 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
KEMA wire cross-section single-core (rigid), max.	4 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	4 mm ²
KEMA torque, min.	0.4 Nm
KEMA torque, max.	0.8 Nm

Approvals

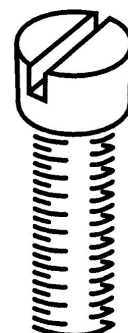
UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	20 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	12
UL torque	5.3 Lb In
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

Media



M2.5



Data sheet

1353.2

BKA 2,5/4 b.B. BG



Accessories

1353.2

BKA 2,5/4 b.B. BG

Insulated external cross-connector



External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.1 mm, Rated current: 27 A; Colour: Yellow

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2045.0	AQI 10/5/11 YE	4044211048501	10 ST



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.36 mm, Rated current: 27 A; Colour: Yellow

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2033.0	AQI 3/5/11 YE	4044211048358	50 ST



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.26 mm, Rated current: 27 A; Colour: Yellow

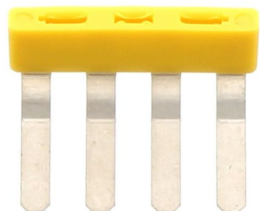
General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2032.0	AQI 2/5/11 YE	4044211048341	50 ST

1353.2

BKA 2,5/4 b.B. BG

Insulated external cross-connector

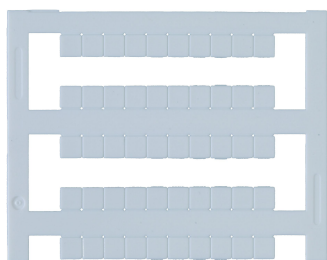


External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.46 mm, Rated current: 27 A; Colour: Yellow

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2044.0	AQI 4/5/11 YE	4044211048495	50 ST

Quick marking



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

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 ST

1353.2

BKA 2,5/4 b.B. BG

Screwdriver



Screwdriver with bare blade, Colour: Black-grey

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 ST