

Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 4 mm<sup>2</sup>, Colour: Beige

### Business data

Article number	2176.2
Article name	BKA 4/10 BG
GTIN (EAN)	4044211049980
Packaging unit	20
Quantity unit	PC
Weight per piece (not including packaging)	48.2 g
Weight per piece (including packaging)	49.82 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Feed-through terminal for direct mount
Colour	Beige

# Data sheet

## 2176.2 BKA 4/10 BG

### Technical data

#### Dimensions

Length	75.3 mm
Height	23 mm
Hole spacing (mid-point to mid-point)	68.2 mm
Pitch	6 mm

#### Ratings

Rated voltage	400 V
Rated current	32 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.02 W

#### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	20
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	4 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	9 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

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### Technical data

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#### 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	✓

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

### Approvals

#### Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	yes
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#### CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	yes
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CSA Usegroup C: rated voltage	300 V
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CSA Usegroup C: rated current	25 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	12
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CSA stripping length	9 mm
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CSA torque, max.	1 Nm
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CSA torque, min.	0.5 Nm
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#### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
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KEMA KEUR approval granted	yes
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KEMA rated voltage	400 V
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KEMA rated current	32 A
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KEMA rated impulse voltage	6 kV
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KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
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KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
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KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
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KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
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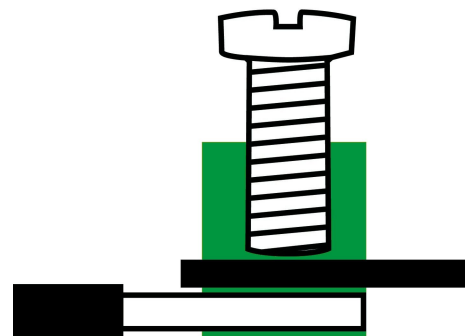
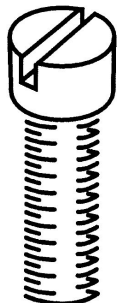
### Approvals

#### UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	30 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	30 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	10
UL torque	7 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

### Media

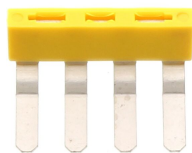
**M3**



**EAC**

### Accessories

#### Insulated external cross-connector



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 23 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2140.0</u>	AQI 4/6/11 YE	4044211049614	50 ST



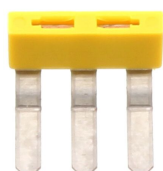
External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 59.6 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2141.0</u>	AQI 10/6/11 YE	4044211049621	10 ST



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.8 mm, Rated current: 27 A; Colour: Yellow

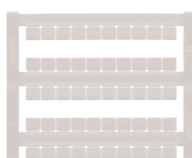
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2125.0</u>	AQI 2/6/11 YE	4044211049447	50 ST



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.9 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2126.0</u>	AQI 3/6/11 YE	4044211049454	50 ST

#### Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>4702.7</u>	PMC SB 6/50 WH	4044211089986	500 ST

#### Screwdriver

Screwdriver with bare blade, Colour: Black-grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>1086.0</u>	SDB 0,6x3,5	4044211014797	1 ST