

1334.2

BKA 2,5/20 BG

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

Business data

Product description	Feed-through terminal for direct mount
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	72.4
Weight per piece (including packaging)	78.4
Unit of weight	G
Customs number	85369010
Country of origin	DE

1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Technical Data

Dimensions

Length	116.2 mm
Height	23 mm
Hole spacing (mid-point to mid-point)	108.1 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

1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Technical Data

Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	40
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

1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Technical Data

Materials

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

Mounting type	Mounting face
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Gauge plug acc. to EN 60 947-1	A3
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End plate required	✓
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1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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cUL Recognized

cUL Recognized	C22.2 No 158
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cUL Recognized	✓
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cUL Usegroup B: rated voltage	300 V
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cUL Usegroup B: rated current	20 A
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cUL Usegroup C: rated voltage	300 V
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cUL Usegroup C: rated current	20 A
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cUL wire cross-section single-core (rigid) AWG, min.	22
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cUL wire cross-section single-core (rigid) AWG, max.	12
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cUL wire cross-section stranded AWG, min.	22
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cUL wire cross-section stranded AWG, max.	12
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cUL torque	5.3 Nm
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cUL wire material	Cu
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1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
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

1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Approvals

UL Recognized

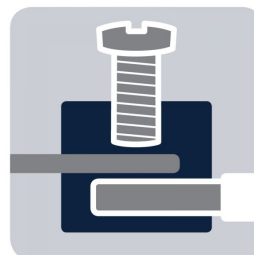
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	20 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire 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	✓
UL field wiring	✓

1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Media



M2.5



EAC



1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Accessories

External insulated cross-connector



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2045.0	AQI 10/5/11	4044211048501	10 PC



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2032.0	AQI 2/5/11	4044211048341	50 PC

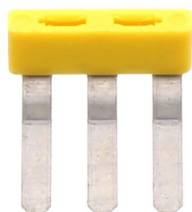
1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Accessories

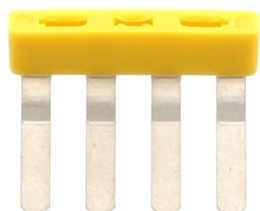
External insulated cross-connector



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2033.0	AQI 3/5/11	4044211048358	50 PC



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2044.0	AQI 4/5/11	4044211048495	50 PC

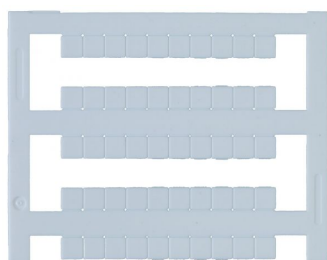
1334.2

BKA 2,5/20 BG

BKA 2,5/20 BG

Accessories

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 PC

Screw driver



Screwdriver with bare blade, Colour: Black-grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 PC