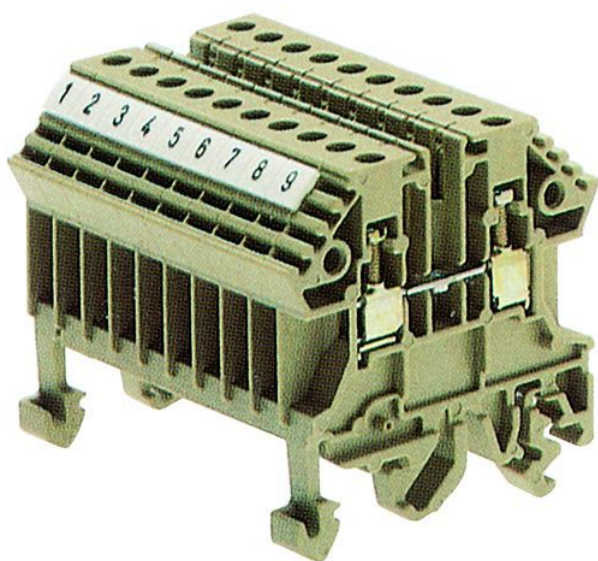


1297.2

KBL 2,5 BG

KBL 2,5 BG



M2.5



EAC

Feed-through terminal/block variant, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 2.5 mm², Colour: Beige

Business data

Product description	Feed-through terminal/block variant
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	58.2
Weight per piece (including packaging)	64.8
Unit of weight	G
Customs number	85369010
Country of origin	DE

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KBL 2,5 BG

KBL 2,5 BG

Technical Data

Dimensions

Length	48 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm
Pitch	5 mm

Ratings

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

1297.2

KBL 2,5 BG

KBL 2,5 BG

Technical Data

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 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

1297.2

KBL 2,5 BG

KBL 2,5 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 rail TS 35/7.5 and TS 32
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Gauge plug acc. to EN 60 947-1	A3
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Number of cross-connection channels	1
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End plate required	✓
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Number of test pick-off options	1
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1297.2

KBL 2,5 BG

KBL 2,5 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	600 V
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cUL Usegroup B: rated current	20 A
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cUL Usegroup C: rated voltage	600 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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KBL 2,5 BG

KBL 2,5 BG

Approvals

UL Recognized

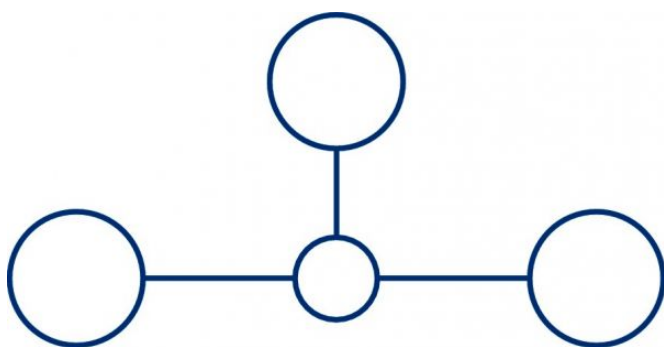
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	20 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire 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	✓

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KBL 2,5 BG

KBL 2,5 BG

Media



M2.5



EAC

CRA[®]US

1297.2

KBL 2,5 BG

KBL 2,5 BG

Accessories

Cover



Cover, Length: 26.5 mm, Width: 5 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2952.0	AD 1/5/B	4044211056803	50 PC



Cover, Length: 20 mm, Width: 1.3 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2712.0	AD 4/20/B	4044211054533	50 PC

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KBL 2,5 BG
KBL 2,5 BG

Accessories

Cover

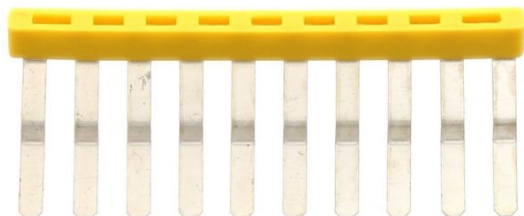


Cover, Length: 20 mm, Width: 1.3 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2713.0	AD 4/20/B/E	4044211054540	50 PC

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
2029.0	AQI 10/5/15	4044211048327	10 PC

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KBL 2,5 BG

KBL 2,5 BG

Accessories

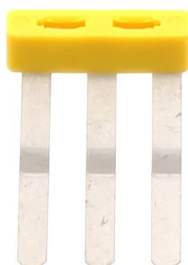
External insulated cross-connector



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
2023.0	AQI 2/5/15	4044211048266	50 PC



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
2024.0	AQI 3/5/15	4044211048273	50 PC

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KBL 2,5 BG

KBL 2,5 BG

Accessories

External insulated cross-connector



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
2028.0	AQI 4/5/15	4044211048310	50 PC

Cross connector



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2570.0	Q 10	4044211053604	10 PC

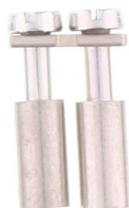
1297.2

KBL 2,5 BG

KBL 2,5 BG

Accessories

Cross connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2567.0	Q 2	4044211053574	50 PC



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2568.0	Q 3	4044211053581	50 PC

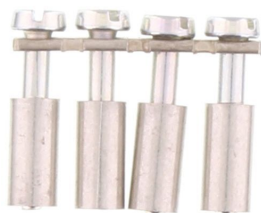
1297.2

KBL 2,5 BG

KBL 2,5 BG

Accessories

Cross connector

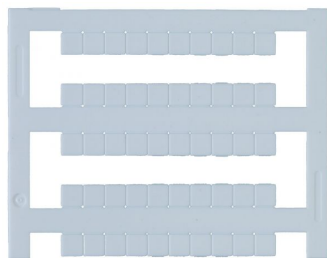


Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2569.0	Q 4	4044211053598	20 PC

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

1297.2

KBL 2,5 BG

KBL 2,5 BG

Accessories

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
