

10 terminal 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

Article number	<u>1297.2</u>
Article name	KBL 2,5 BG
GTIN (EAN)	4044211040383
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	58.2 g
Weight per piece (including packaging)	64.8 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Product description	Feed-through terminal/block variant
Colour	Beige

Data sheet

1297.2 KBL 2,5 BG

Technical data

Dimensions

Length	48 mm
Width	50 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
Maximum power dissipation for nominal condition	7.7 W

Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	20
No. of poles	10
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

Data sheet

1297.2 KBL 2,5 BG

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 rail TS 35/7.5 and TS 32
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	10

Environmental Product Compliance

REACH Conform	Yes
REACH Reference date	2024-06-27
REACH Candidate Substance Note	No
RoHS Conform	Yes

Data sheet

1297.2 KBL 2,5 BG

Approvals

Standards and regulations

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

cUL approval	C22.2 No 158
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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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cUL Recognized	1
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UL Recognized

UL approval	UL 1059
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UL Usegroup B: rated voltage	600 V
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UL Usegroup B: rated current	20 A
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UL Usegroup C: rated voltage	600 V
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UL Usegroup C: rated current	20 A
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UL wire cross-section single-core (rigid) AWG, min.	22
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UL wire cross-section single-core (rigid) AWG, max.	12
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UL wire cross-section stranded AWG, min.	22
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UL wire cross-section stranded AWG, max.	12
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UL torque	5.3 Lb In
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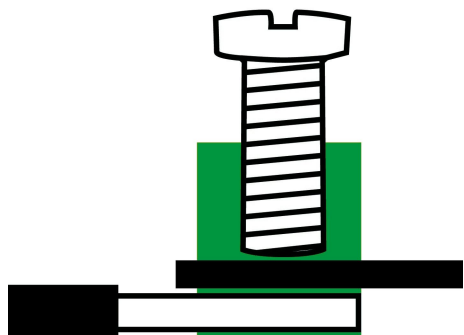
UL wire material	Cu
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UL factory wiring	1
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UL field wiring	1
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UL Recognized	1
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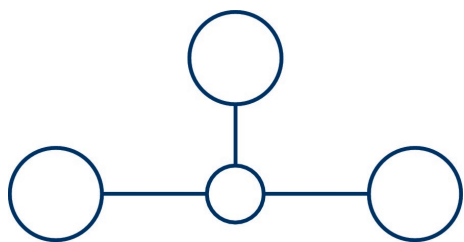
Media



M2.5



C  **US**



EAC

Accessories

Cover



Cover, Length: 20 mm, Width: 24 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2713.0</u>	AD 4/20/B/E YE	4044211054540	50 ST



Cover, Length: 20 mm, Width: 24 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2712.0</u>	AD 4/20/B YE	4044211054533	50 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2952.0</u>	AD 1/5/B YE	4044211056803	50 ST

Insulated external cross-connector



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2024.0</u>	AQI 3/5/15 YE	4044211048273	50



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2023.0</u>	AQI 2/5/15 YE	4044211048266	50 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2028.0</u>	AQI 4/5/15 YE	4044211048310	50 ST

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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2029.0</u>	AQI 10/5/15 YE	4044211048327	10 ST

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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2569.0</u>	Q 4	4044211053598	20 ST



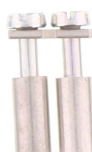
Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2570.0</u>	Q 10	4044211053604	10 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2568.0</u>	Q 3	4044211053581	50 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2567.0</u>	Q 2	4044211053574	50 ST

Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>4600.7</u>	PMC SB 5/50 WH	4044211088903	500 ST

Screwdriver

Screwdriver with bare blade, Colour: Black-grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>1085.0</u>	SDB 0,5x3,0	4044211014643	1 ST