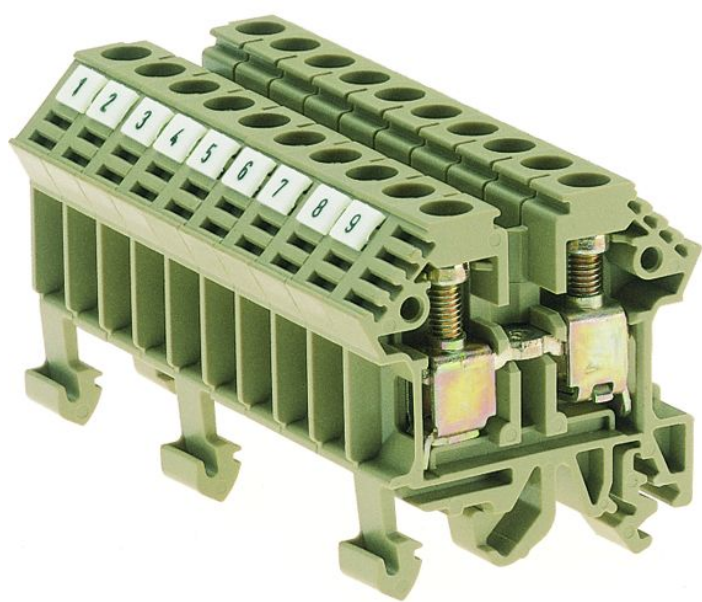


# Data sheet

## 1006.2 KBL 6-10 BG



Feed-through terminal/block variant, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32,  
Rated cross-section: 10 mm², Colour: Beige

### Business data

Article number	1006.2
Article name	KBL 6-10 BG
GTIN (EAN)	4044211001414
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	139.6 g
Weight per piece (including packaging)	146.2 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Feed-through terminal/block variant
Colour	Beige

# Data sheet

## 1006.2 KBL 6-10 BG

### Technical data

#### Dimensions

Length	48 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm
Pitch	8 mm

#### Ratings

Rated voltage	800 V
Rated current	57 A
Rated cross-section	10 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.82 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.	10 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	10 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.	10 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	8
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 4
Tightening torque, min.	1.2 Nm
Tightening torque, max.	2 Nm

# Data sheet

## 1006.2 KBL 6-10 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	A5
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	1

#### Environmental Product Compliance

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

# Data sheet

## 1006.2 KBL 6-10 BG

### Approvals

#### Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes
Nemko approval	EN 60947-7-1:1999
Nemko approval granted	yes

#### CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	65 A
CSA wire cross-section AWG, min.	22
CSA wire cross-section AWG, max.	8
CSA stripping length	12 mm

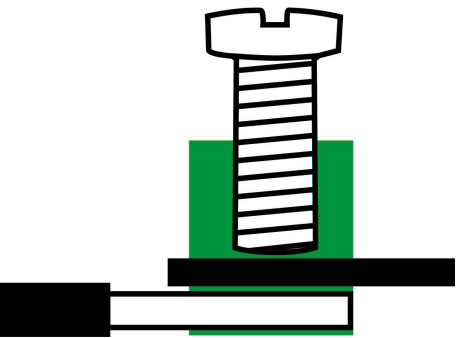
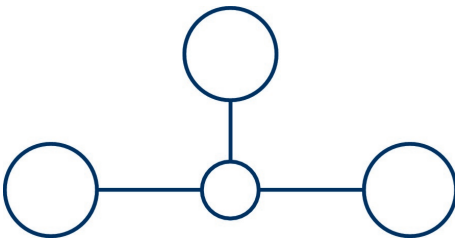
#### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	65 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	8
CSAus stripping length	12 mm

#### UL Recognized

UL approval	UL 1059
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	6
UL torque	12 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Media



Accessories

Cover



Cover, Length: 26.5 mm, Width: 8 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2966.0</u>	AD 1/8 WH	4044211056957	50 ST



Cover, Length: 32 mm, Width: 28 mm, Colour: Yellow

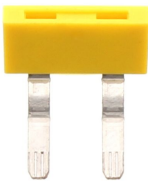
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2054.0</u>	AD 4/32/B YE	4044211048600	50 ST



Cover, Length: 26.5 mm, Width: 8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2954.0</u>	AD 1/8/B YE	4044211056827	50 ST

Insulated external cross-connector



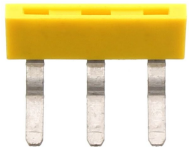
External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 16.1 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2067.0</u>	AQI 2/8/11 YE	4044211048730	50 ST



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 32.3 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2069.0</u>	AQI 4/8/11 YE	4044211048754	50 ST



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 24.2 mm, Rated current: 27 A; Colour: Yellow

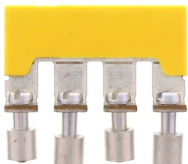
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2068.0</u>	AQI 3/8/11 YE	4044211048747	50 ST

Insulated cross-connector



Insulated cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 78.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2753.2</u>	QI 10 YE	4044211054892	10 ST



Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 28.8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2752.2</u>	QI 4 YE	4044211054885	20 ST

# Data sheet

## 1006.2 KBL 6-10 BG

### Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 13.6 mm, Colour: Yellow

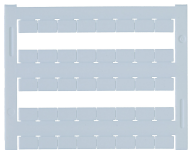
Article number	Article name	GTIN (EAN)	Packaging unit
<u>2750.2</u>	QI 2 YE	4044211054861	50 ST



Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 21.7 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2751.2</u>	QI 3 YE	4044211054878	50 ST

### Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
<u>9323.7</u>	PMC SB 8/40 WH	4044211129231	400 ST

### Screwdriver



Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>1087.0</u>	SDB 0,8x4,0	4044211014803	1 ST