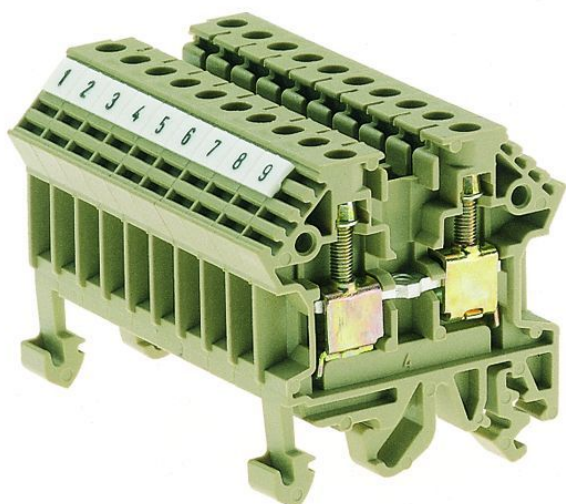


1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG



Feed-through terminal/block variant, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm<sup>2</sup>, Colour: Beige

## Business data

Product description	Feed-through terminal/block variant
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	89.4
Weight per piece (including packaging)	95.6
Unit of weight	G
Customs number	85369010
Country of origin	DE

1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Technical Data

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### Dimensions

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Length	48 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm
Pitch	6 mm

### Ratings

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Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Technical Data

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### 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.	6 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	6 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.	11
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Technical Data

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### Materials

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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

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Mounting type	Mounting rail TS 35/7.5 and TS 32
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Gauge plug acc. to EN 60 947-1	A4
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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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1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Approvals

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### Standards and regulations

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EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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Nemko approval	EN 60947-7-1
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Nemko approval granted	✓
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### CSA approval

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CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	32 A
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CSA wire cross-section AWG, min.	22
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CSA wire cross-section AWG, max.	10
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CSA stripping length	12 mm
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1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Approvals

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### CSAus approval

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CSAus approval	UL 1059
CSAus approval granted	✓
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	32 A
CSAus wire cross-section AWG, min.	22
CSAus wire cross-section AWG, max.	10
CSAus stripping length	12 mm

### UL Recognized

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UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup C: rated voltage	600 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	7.3 Lb In
UL wire material	Cu

1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Approvals

---

### UL Recognized

---

UL factory wiring

✓

UL field wiring

✓

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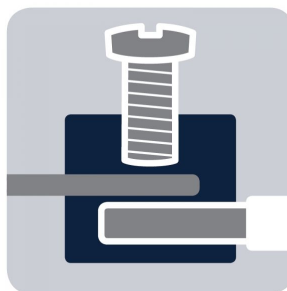
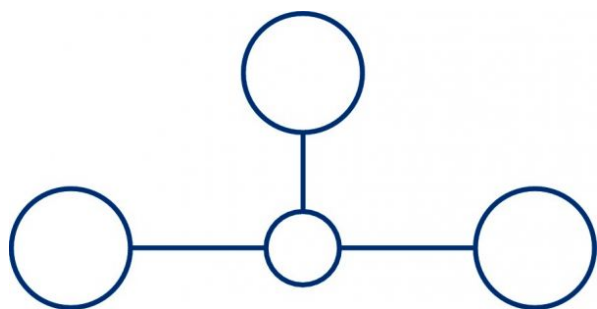
1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Media

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**M3**



**EAC**





1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

Media

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1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Accessories

---

### Cover

---



Cover, Length: 26.5 mm, Width: 6 mm, Colour: White

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2965.0	AD 1/6	4044211056940	50 PC

---



Cover, Length: 26.5 mm, Width: 6 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2953.0	AD 1/6/B	4044211056810	50 PC

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1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Accessories

---

### Cover

---



Cover, Length: 24 mm, Width: 1.3 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2011.0	AD 4/24/B	4044211048143	50 PC

---



Cover, Length: 24 mm, Width: 1.3 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2079.0	AD 4/24/B	4044211048877	50 PC

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1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Accessories

---

### Cover

---



Cover, Length: 24 mm, Width: 1.3 mm, Colour: Yellow

---

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2494.0	AD 4/24/B/E	4044211052959	50 PC

---



Cover, Length: 24 mm, Width: 1.3 mm, Colour: Yellow

---

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2493.0	AD 4/24/B/E	4044211052942	50 PC

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1002.2

KBL 2,5-4 BG

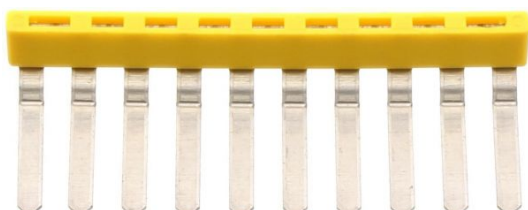
KBL 2,5-4 BG

## Accessories

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### External insulated cross-connector

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

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2143.0	AQI 10/6/17	4044211049645	10 PC

---



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

#### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2064.0	AQI 2/6/17	4044211048709	50 PC

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1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Accessories

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### External insulated cross-connector

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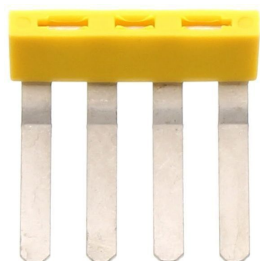


External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.9 mm, Rated current: 27 A; Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2065.0	AQI 3/6/17	4044211048716	50 PC

---



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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2066.0	AQI 4/6/17	4044211048723	50 PC

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1002.2

KBL 2,5-4 BG

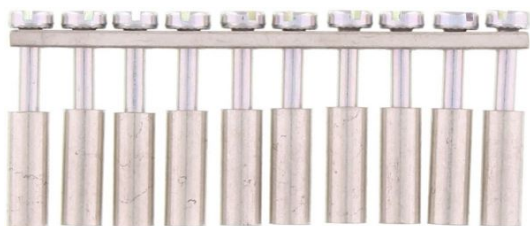
KBL 2,5-4 BG

## Accessories

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### Cross connector

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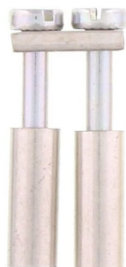


Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2022.0	Q 10	4044211048259	10 PC

---



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 PC

---

1002.2

KBL 2,5-4 BG

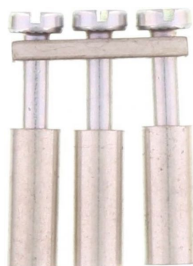
KBL 2,5-4 BG

## Accessories

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### Cross connector

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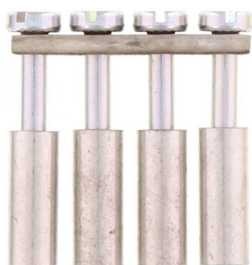


Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 17 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2020.0	Q 3	4044211048235	50 PC

---



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2021.0	Q 4	4044211048242	20 PC

---



1002.2

KBL 2,5-4 BG

KBL 2,5-4 BG

## Accessories

---

### Insulated cross connector

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Insulated cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2743.2	QI 10	4044211054830	10 PC

---



Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.4 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2740.2	QI 2	4044211054809	50 PC

---

1002.2

KBL 2,5-4 BG

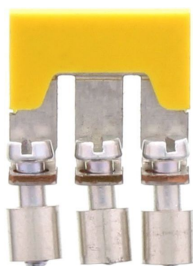
KBL 2,5-4 BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.5 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2741.2	QI 3	4044211054816	50 PC

---



Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 21.9 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2742.2	QI 4	4044211054823	20 PC

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1002.2

KBL 2,5-4 BG

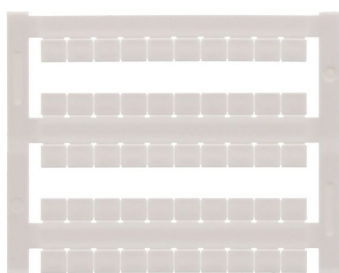
KBL 2,5-4 BG

## Accessories

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### Quick-marking

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 PC

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### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 PC

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