

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm<sup>2</sup>, Width: 6 mm, Colour: Green

#### Business data

Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	11.4 g
Weight per piece (including packaging)	12.33 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1210.2
Product description	Feed-through terminal

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RK 2,5-4/ZR GN

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## Technical data

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### Dimensions

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Length	57.5 mm
Width	6 mm
Height TS 35/7.5	47 mm
Height TS 32	51.5 mm

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### Ratings

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Rated voltage	500 V
Rated current	24 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 W

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### Technical data

#### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	3
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.	4 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.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

#### 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	A4
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	1

# Data sheet

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## Technical data

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### Print

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Colour	Green
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### Environmental Product Compliance

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REACH Conform	yes
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REACH Reference date	2021-07-08
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REACH Candidate Substance Note	No
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RoHS Conform	yes
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### Approvals

#### UL Recognized

UL File Number	E95701
UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	30 A
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 Lb In
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

#### cUL Recognized

cUL File Number	E95701
cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	30 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	30 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	10
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	10
cUL torque	7 Nm
cUL wire material	Cu
cUL Recognized	yes

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### Approvals

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#### Standards and regulations

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EAC approval	TR ZU 004/2011
EAC approval granted	yes

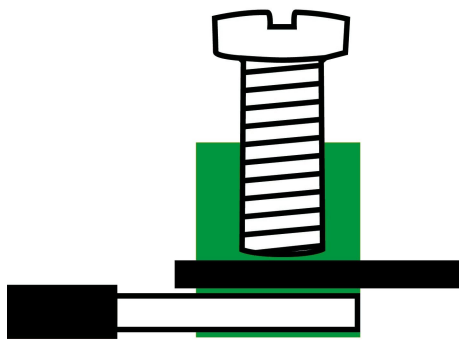
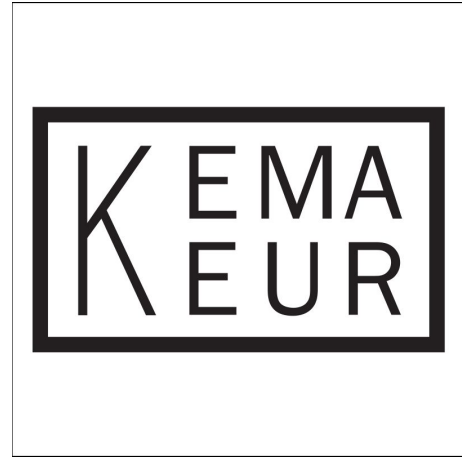
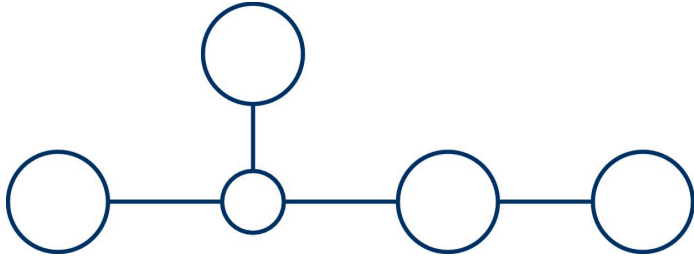
#### KEMA KEUR approval

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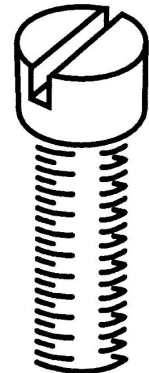
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	32 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	6 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	6 mm <sup>2</sup>
KEMA torque, min.	0.5 Nm
KEMA torque, max.	1 Nm

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#### Media



**M3**



**CE**  **US**

**EAC**

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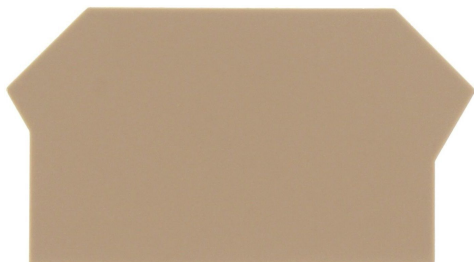
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## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2574.2	AP 2,5-4/R BG	4044211053659	50

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### End stop

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End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

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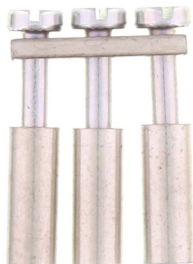


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## Accessories

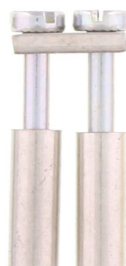
### Cross-connector



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

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2020.0	Q 3	4044211048235	50 ST



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

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 ST



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

#### General order data

Product number:	Article name	Creation date 15.12.2021 22:44:33 Subject to technical changes	GTIN (EAN)	Packaging unit
2021.0	Q 4		4044211048242	20 ST

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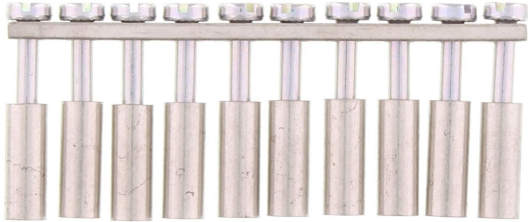
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## Accessories

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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

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### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2022.0	Q 10	4044211048259	10 ST

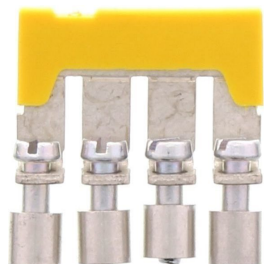
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## Accessories

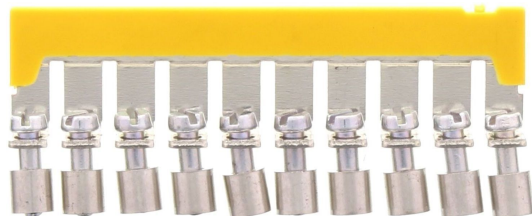
### Insulated cross-connector



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

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2742.2	QI 4 YE	4044211054823	20 ST



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

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2743.2	QI 10 YE	4044211054830	10 ST



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

#### General order data

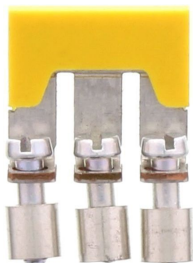
Product number:	Article name	Creation date 15.12.2021 22:44:33 Subject to technical changes	GTIN (EAN)	Packaging unit
2740.2	QI 2 YE		4044211054809	50 ST <sup>11</sup>

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## Accessories

### Insulated cross-connector

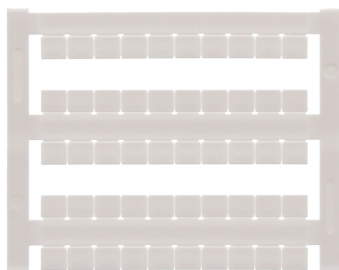


Insulated cross-connector, No. of poles: 3,  
Mounting type: Can be screwed on, Width:  
16.5 mm, Colour: Yellow

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2741.2	QI 3 YE	4044211054816	50 ST

## Quick marking



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

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

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## Accessories

### Screwdriver



Screwdriver with bare blade, Colour: Black-grey

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
1086.0	SDB 0,6x3,5	4044211014797	1 ST

### Test adapters



Test adapter, Length: 37.3 mm, Pitch size: 6 mm, Colour: Beige

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2813.0	TA 6/1/ST	4044211055400	10 ST

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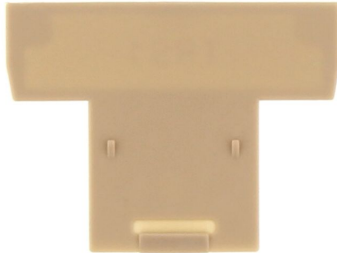
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## Accessories

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### Insulation plate

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Insulation plate, Colour: Beige

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### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2003.2	TRS 1 BG	4044211048068	100

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