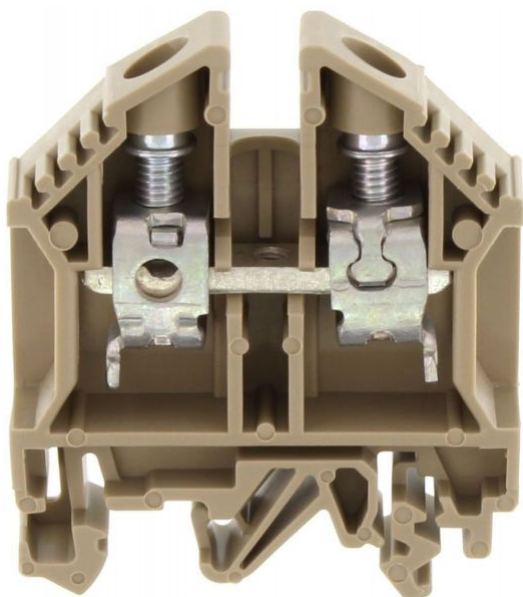


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RK 16/IS BG

RK 16/IS BG



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 16 mm<sup>2</sup>, Width: 12 mm, Colour: Beige

## Business data

Product description	Feed-through terminal
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	28
Weight per piece (including packaging)	29.68
Unit of weight	G
Customs number	85369010
Country of origin	DE

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RK 16/IS BG

RK 16/IS BG

## Technical Data

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### Dimensions

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Length	50 mm
Width	12 mm
Height TS 35/7.5	58.5 mm
Height TS 32	63 mm

### Ratings

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Rated voltage	800 V
Rated current	76 A
Rated cross-section	16 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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RK 16/IS BG

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## Technical Data

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### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	2.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	25 mm <sup>2</sup>
Wire cross-section stranded, min.	70 mm <sup>2</sup>
Wire cross-section stranded, max.	240 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	2.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	16 mm <sup>2</sup>
Wire cross-section AWG, min.	10
Wire cross-section AWG, max.	6
Stripping length	15 mm
Screw head	Inner hex (Allen)
Screw threading	M 5
Tightening torque, min.	2 Nm
Tightening torque, max.	4 Nm

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RK 16/IS BG

RK 16/IS 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	B7
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Number of cross-connection channels	1
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End plate required	✓
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RK 16/IS BG

RK 16/IS 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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### 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	70 A
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CSA wire cross-section AWG, min.	10
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CSA wire cross-section AWG, max.	6
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CSA stripping length	15 mm
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CSA torque, max.	4 Nm
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CSA torque, min.	2 Nm
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RK 16/IS BG

RK 16/IS BG

## Approvals

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### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	750 V
GL rated current	82 A
GL rated cross-section	16 mm <sup>2</sup>
GL environmental category	C

### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	800 V
KEMA rated current	76 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	2.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	25 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	2.5 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	16 mm <sup>2</sup>

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RK 16/IS BG

RK 16/IS BG

## Approvals

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### UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	10
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	10
UL wire cross-section stranded AWG, max.	6
UL torque	10.5 Lb In
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

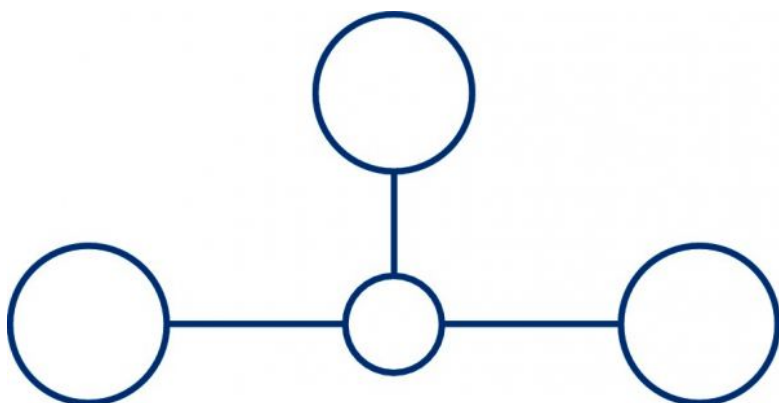
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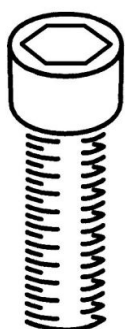
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Media

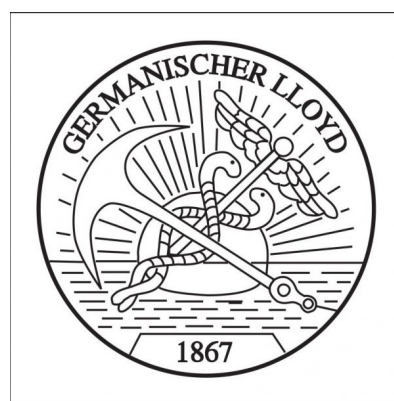
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**M5**



**EAC**





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RK 16/IS BG

RK 16/IS BG

Media

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RK 16/IS BG

RK 16/IS BG

## Accessories

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### Cover

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Cover, Length: 26.5 mm, Width: 12 mm, Colour: White

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2969.0	AD 1/12	4044211056988	20 PC

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Cover, Length: 30 mm, Width: 10.7 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2819.0	AD 1/12/B	4044211055455	20 PC

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RK 16/IS BG

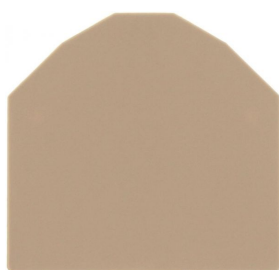
RK 16/IS BG

## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2104.2	AP 16	4044211049164	20 PC

### End bracket

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST	4044211055547	50 PC

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## Accessories

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### Cross connector

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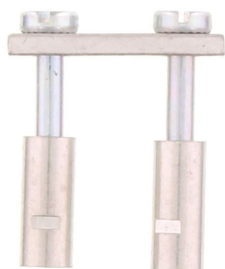


Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 115.3 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2115.0	Q 10	4044211049294	10 PC

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Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 20.1 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2112.0	Q 2	4044211049263	20 PC

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RK 16/IS BG

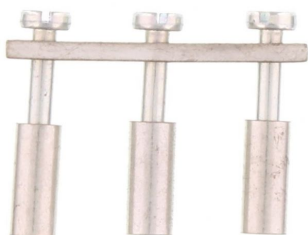
RK 16/IS BG

## Accessories

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### Cross connector

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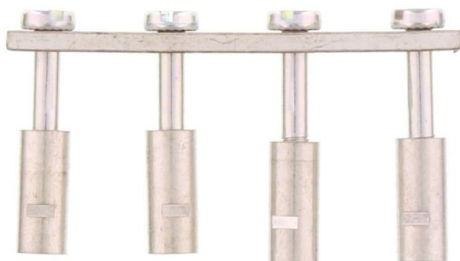


Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 32 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2113.0	Q 3	4044211049270	20 PC

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Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 43.9 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2114.0	Q 4	4044211049287	10 PC

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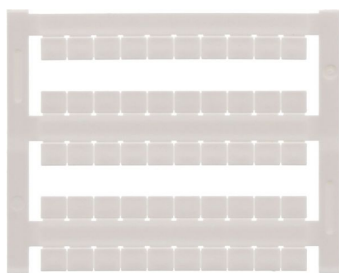
RK 16/IS BG

## Accessories

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### Quick-marking

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

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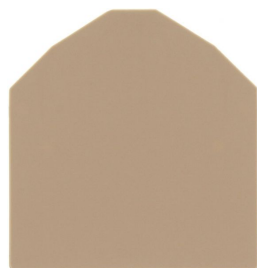
### In general

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

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### Partition plate

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Partition plate, Width: 1.5 mm, Colour: Beige

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2105.2	TW 16	4044211049195	20 PC

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