

**1120.6**  
**RK 50 GR**  
**RK 50 GR**



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 50 mm<sup>2</sup>, Width: 20 mm, Colour: Grey

## Business data

Product description	Feed-through terminal
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	113
Weight per piece (including packaging)	123.6
Unit of weight	G
Customs number	85369010
Country of origin	DE

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## Technical Data

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### Dimensions

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Length	79 mm
Width	20 mm
Height TS 35/7.5	76.5 mm
Height TS 32	82 mm

### Ratings

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Rated voltage	1000 V
Rated current	150 A
Rated cross-section	50 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

## 1120.6 RK 50 GR RK 50 GR

### 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.	16 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	50 mm <sup>2</sup>
Wire cross-section stranded, min.	25 mm <sup>2</sup>
Wire cross-section stranded, max.	50 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	25 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	50 mm <sup>2</sup>
Wire cross-section AWG, min.	6
Wire cross-section AWG, max.	1/0
Stripping length	27 mm
Screw head	Inner hex (Allen)
Screw threading	M 6
Tightening torque, min.	3 Nm
Tightening torque, max.	6 Nm

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## Technical Data

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### Materials

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Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	105 °C

### Further technical data

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Mounting type	Mounting rail TS 35/7.5 and TS 32
Gauge plug acc. to EN 60 947-1	B10
Banded wire up to	11,8 x 5,0 mm

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## 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	150 A
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CSA wire cross-section AWG, min.	6
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CSA wire cross-section AWG, max.	1/0
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CSA stripping length	27 mm
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### CSAus approval

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CSAus approval	UL 1059
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CSAus approval granted	✓
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CSAus Usegroup C: rated voltage	600 V
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CSAus Usegroup C: rated current	150 A
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CSAus wire cross-section AWG, min.	6
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## Approvals

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### CSAus approval

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CSAus wire cross-section AWG, max.	1/0
CSAus stripping length	27 mm

### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	600 V
GL rated current	150 A
GL rated cross-section	50 mm <sup>2</sup>
GL environmental category	C

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## Approvals

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### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	150 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	16 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	50 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	25 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	50 mm <sup>2</sup>

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## Approvals

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### UL Recognized

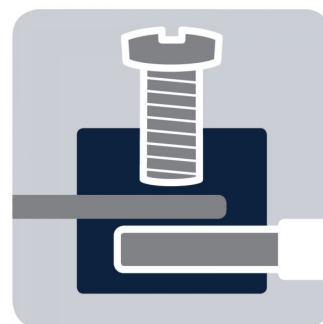
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	150 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	150 A
UL wire cross-section single-core (rigid) AWG, min.	6
UL wire cross-section single-core (rigid) AWG, max.	1/0
UL wire cross-section stranded AWG, min.	6
UL wire cross-section stranded AWG, max.	1/0
UL torque	35 Lb In
UL wire material	Cu
UL factory wiring	✓



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Media

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**M6**



**EAC**



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Media

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## Accessories

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### Cover

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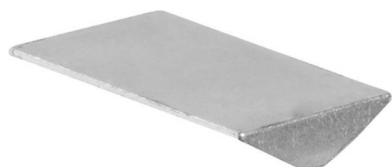
Cover, Length: 50 mm, Width: 10 mm, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2810.0	AD 1/50/B	4044211055387	20 PC

### Insertion profile

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Inlay plate, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2274.0	EP 50	4044211050818	10 PC

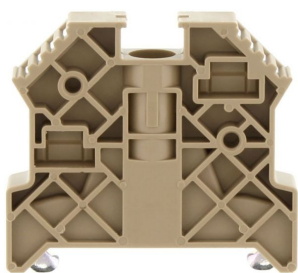
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## Accessories

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### 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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### Allan key

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Inner hex key with bare blade

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2818.0	ISKS 5	4044211055448	1 PC

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## Accessories

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### Measurement pick-off terminal

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Measurement pick-off terminal, Screw connection,  
Mounting type: On base, Rated cross-section: 10 mm<sup>2</sup>,  
Width: 10 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1121.2	MAG 50	4044211080914	10 PC

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### Insulated cross connector

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External insulated cross-connector, No. of poles: 2,  
Mounting type: Plug in, Width: 36.44 mm, Rated  
current: 150 A; Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2763.2	AQI 2/50	4044211054939	5 PC

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## Accessories

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### Insulated cross connector

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External insulated cross-connector, No. of poles: 3,  
Mounting type: Plug in, Width: 57.04 mm, Rated  
current: 150 A; Colour: Yellow

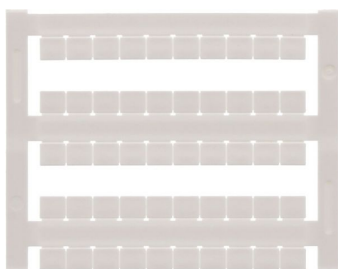
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2764.2	AQI 3/50	4044211054946	5 PC

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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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