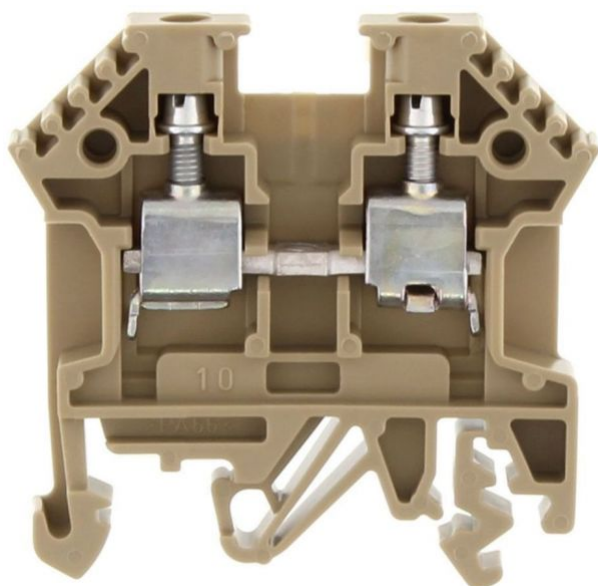


1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG



Ex feed-through terminal ATEX-certified, 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: Beige

## Business data

Product description	Ex feed-through terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	9.8
Weight per piece (including packaging)	10.42
Unit of weight	G
Customs number	85369010
Country of origin	DE

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Technical Data

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### Dimensions

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

### Ratings

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Rated voltage	690 V
Rated current	34 A
Rated cross-section	4 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Technical Data

---

### 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.	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.	4 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.	10
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 3
Tightening torque, min.	0.5 Nm
Tightening torque, max.	1 Nm

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex 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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1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Approvals

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### Standards and regulations

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Partial certification number	NEMKO ATEX 1136 U
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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	40 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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CSA torque, max.	1 Nm
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CSA torque, min.	0.5 Nm
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RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Approvals

### German Lloyd approval

GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	750 V
GL rated current	34 A
GL rated cross-section	4 mm <sup>2</sup>
GL environmental category	C

### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
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.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
KEMA torque, min.	0.5 Nm
KEMA torque, max.	1 Nm

### UL Recognized

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  
Fon +49 (0) 52 57 98 33-0 | Fax +49 (0) 52 57 98 33-33 | E-Mail info@conta-clip.de | conta-clip.de

UL torque	7.3 Lb In
UL wire material	CU
UL factory wiring	✓
UL field wiring	✓

Creation date 24.02.2021 01:06:52  
 Subject to technical modifications

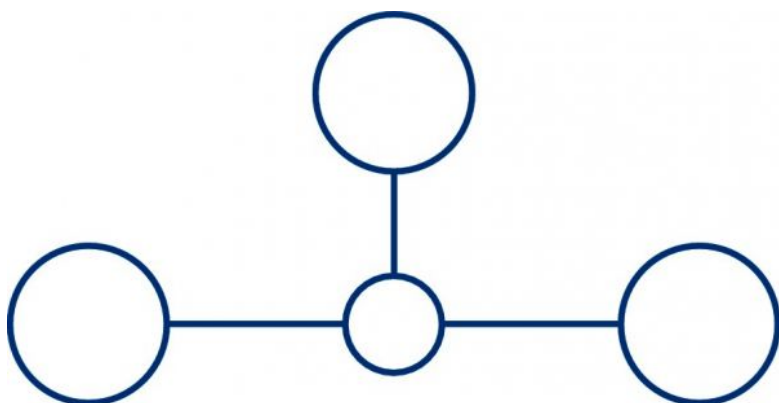
1427.2

RK 2,5-4 Ex BG

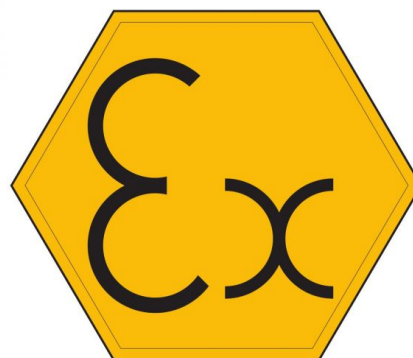
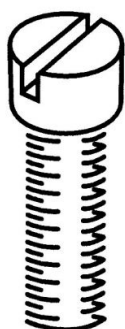
RK 2,5-4 Ex BG

## Media

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**M3**



**EAC**

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Media

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1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Accessories

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### Cover

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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
2494.0	AD 4/24/B/E	4044211052959	50 PC

---

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Accessories

---

### Cover

---



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

---



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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1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Accessories

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### Cover

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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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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

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1427.2

RK 2,5-4 Ex BG

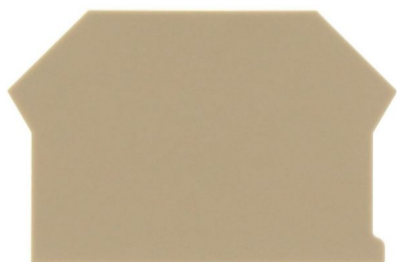
RK 2,5-4 Ex BG

## 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
2001.2	AP 2,5-10	4044211047979	50 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

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Accessories

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### Cross connector

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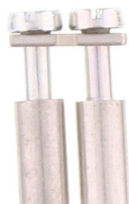


Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2570.0	Q 10	4044211053604	10 PC

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Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2567.0	Q 2	4044211053574	50 PC

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1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex 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: 14.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2568.0	Q 3	4044211053581	50 PC

---



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2569.0	Q 4	4044211053598	20 PC

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1427.2

RK 2,5-4 Ex BG

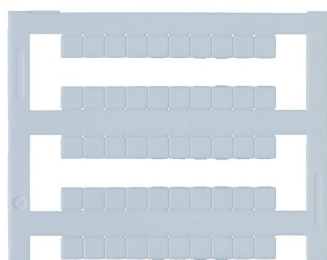
RK 2,5-4 Ex BG

## Accessories

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### Quick-marking

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 PC

### Screw driver

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Screwdriver with bare blade, Colour: Black-grey

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 PC

1427.2

RK 2,5-4 Ex BG

RK 2,5-4 Ex BG

## Accessories

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### Test adapter

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Test adapter, Length: 37.3 mm, Pitch size: 5 mm,  
Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2812.0	TA 5/1/ST	4044211055394	10 PC

### Insulation plate

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Insulation plate, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2566.2	TRS 3	4044211053567	100 PC



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RK 2,5-4 Ex BG

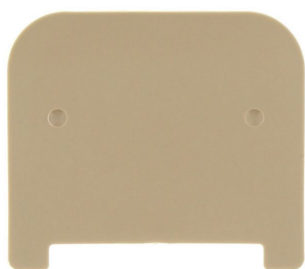
RK 2,5-4 Ex BG

## Accessories

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### Partition plate

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Partition plate, Width: 1.5 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2002.2	TW 2,5-10	4044211048044	50 PC

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