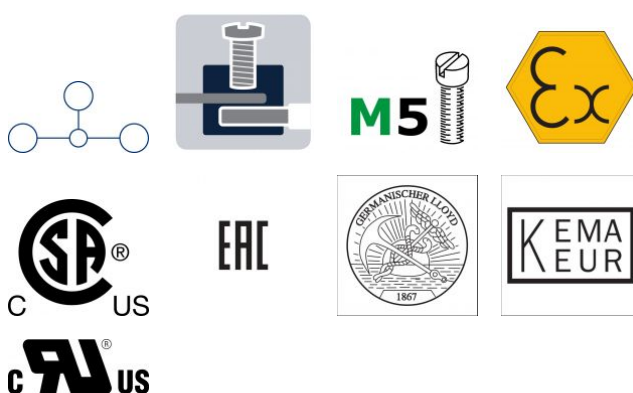


1409.2

RK 16/35 N Ex BG

RK 16/35 N Ex BG



Ex feed-through terminal ATEX-certified, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm<sup>2</sup>, Width: 11.9 mm, Colour: Beige

## Business data

Product description	Ex feed-through terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	27
Weight per piece (including packaging)	28.44
Unit of weight	G
Customs number	85369010
Country of origin	DE

**1409.2**

**RK 16/35 N Ex BG**

**RK 16/35 N Ex BG**

## Technical Data

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### Dimensions

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Length	54 mm
Width	11.9 mm
Height TS 35/7.5	47 mm

### Ratings

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Rated voltage	500 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 16/35 N Ex BG

RK 16/35 N Ex BG

## 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.	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.	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.	12
Wire cross-section AWG, max.	4
Stripping length	15 mm
Screw head	Slotted
Screw threading	M 5
Tightening torque, min.	2 Nm
Tightening torque, max.	4 Nm

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RK 16/35 N Ex BG

RK 16/35 N 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
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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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RK 16/35 N Ex BG

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## Approvals

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### Standards and regulations

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Partial certification number	TÜV ATEX 7092U
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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	85 A
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CSA wire cross-section AWG, min.	12
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CSA wire cross-section AWG, max.	4
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CSA stripping length	15 mm
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## 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	85 A
CSAus wire cross-section AWG, min.	12
CSAus wire cross-section AWG, max.	4
CSAus stripping length	15 mm

### cUL Recognized

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cUL Recognized	C22.2 No 158
cUL Recognized	✓
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	85 A
cUL wire cross-section single-core (rigid) AWG, min.	10
cUL wire cross-section single-core (rigid) AWG, max.	4
cUL wire cross-section stranded AWG, min.	10
cUL wire cross-section stranded AWG, max.	4
cUL torque	20 Nm
cUL wire material	Cu

### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	800 V
GL rated current	76 A
GL rated cross-section	16 mm <sup>2</sup>
GL environmental category	C

### KEMA KEUR approval

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KEMA KEUR approval	© CONTA-CLIP Verbindungstechnik GmbH   Otto-Hahn-Str. 7   D-33161 Hövelhof Phone +49 (0) 52 57.98 33-0   Fax +49 (0) 52 57.98 33-39   E-Mail info@conta-clip.de   conta-clip.de IEC 60947-7-1
KEMA KEUR approval granted	Creation date 24.11.2021 01:06:39 Subject to technical modifications
KEMA rated voltage	800 V
KEMA rated current	76 A
KEMA rated impulse voltage	8 kV

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RK 16/35 N Ex 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	85 A
UL wire cross-section single-core (rigid) AWG, min.	10
UL wire cross-section single-core (rigid) AWG, max.	4
UL wire cross-section stranded AWG, min.	10
UL wire cross-section stranded AWG, max.	4
UL torque	20 Lb In
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

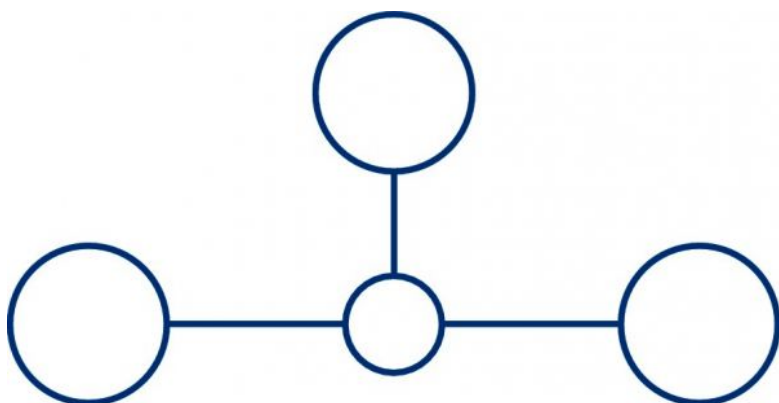
1409.2

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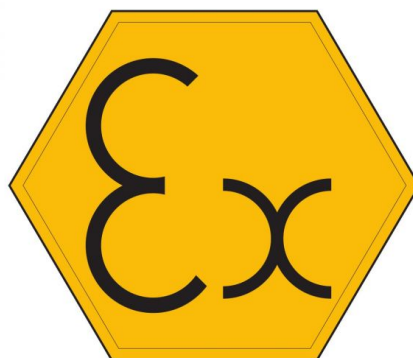
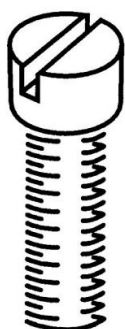
RK 16/35 N Ex BG

## Media

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**M5**



**EAC**



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RK 16/35 N Ex BG

## Media

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**CRA<sup>®</sup> US**

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RK 16/35 N Ex BG

RK 16/35 N Ex BG

## Accessories

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### Cover

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

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2967.0	AD 1/12/N	4044211056964	20 PC

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

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2955.0	AD 1/12/N/B	4044211056834	20 PC

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RK 16/35 N Ex BG

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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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### 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
2266.0	Q 10	4044211050757	10 PC

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1409.2

RK 16/35 N Ex BG

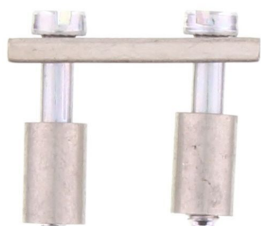
RK 16/35 N Ex BG

## Accessories

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### Cross connector

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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

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2257.0	Q 2	4044211050702	20 PC

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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
2258.0	Q 3	4044211050719	20 PC

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RK 16/35 N Ex BG

RK 16/35 N Ex BG

## Accessories

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### Cross connector

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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

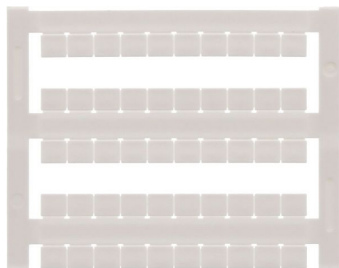
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2265.0	Q 4	4044211050740	10 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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RK 16/35 N Ex BG

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## Accessories

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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
1087.0	SDB 0,8x4,0	4044211014803	1 PC

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