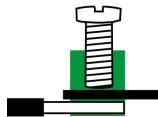


# RK 240 Ex BG

1485.2



M10



EAC



Ex feed-through terminal ATEX-certified, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 240 mm<sup>2</sup>, Width: 36 mm, Colour: Beige

## Commercial

### General

Colour: Beige

Country of origin: DE

Customs number: 85369010

Explosion-proof version (EEx e): ✓

GTIN (EAN): 4044211107888

Packaging unit: 5

Product description: Ex feed-through terminal ATEX-certified

Quantity unit: PC

Unit of weight: G

Weight per piece (including packaging): 373.6g

Weight per piece (not including packaging): 352.4g

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## Technical

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### Dimensions

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Height TS 32: 132mm

Height TS 35/7.5: 126.3mm

Length: 93mm

Width: 36mm

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### Ratings

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Contamination degree: 3

Maximum power dissipation for nominal condition: 12.16W

Overvoltage category: III

Rated cross-section: 240mm<sup>2</sup>

Rated current: 415A

Rated impulse voltage: 8kV

Rated voltage: 1000V

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### Connection data

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Connection position: Lateral

Connection principle: Screw connection

Connections: 2

Number of levels: 1

Number of terminals per level: 2

Screw head: Inner hex (Allen)

Screw threading: M 10

Stripping length: 38mm

Tightening torque, max.: 20Nm

Tightening torque, min.: 14Nm

Wire cross-section AWG, max.: 500 Kcmil

Wire cross-section AWG, min.: 2/0

Wire cross-section single core (rigid)/stranded, max.: 240mm<sup>2</sup>

Wire cross-section single-core (rigid) / stranded, min.: 50mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, max.: 240mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, min.: 70mm<sup>2</sup>

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Wire cross-section stranded, max.: 150mm<sup>2</sup>

Wire cross-section stranded, min.: 35mm<sup>2</sup>

### Further technical data

Gauge plug acc. to EN 60 947-1: B16

Mounting type: Mounting rail TS 35/7.5 and TS 32

### Materials

Flammability class UL 94: V-2

Insulation housing: Polyamide 6.6

Working temperature, max.: 105°C

Working temperature, min.: -40°C

## Approvals

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### Standards and regulations

ATEX certification number: TÜV ATEX 7092 U

EAC approval: TR ZU 004/2011

EAC approval granted: ✓

### KEMA KEUR approval

KEMA KEUR approval: EN 60947-7-1:2009

KEMA KEUR approval granted: ✓

KEMA rated current: 415A

KEMA rated impulse voltage: 12kV

KEMA rated voltage: 1000V

KEMA stripping length: 38mm

KEMA torque, max.: 20Nm

KEMA torque, min.: 14Nm

KEMA wire cross-section single core (rigid), min.: 50mm<sup>2</sup>

KEMA wire cross-section single-core (rigid), max.: 240mm<sup>2</sup>

KEMA wire cross-section stranded, max.: 240mm<sup>2</sup>

KEMA wire cross-section stranded, min.: 70mm<sup>2</sup>

### UL Recognized

UL File Number: E95701

UL Recognized: 1

UL Usegroup B: rated current: 370A

UL Usegroup B: rated voltage: 600V

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UL Usegroup C: rated current: 370A

UL Usegroup C: rated voltage: 600V

UL approval: UL 1059

UL factory wiring: ✓

UL torque: 142Lb In

UL wire cross-section single-core (rigid) AWG, max.: 500 Kcmil

UL wire cross-section single-core (rigid) AWG, min.: 2/0

UL wire cross-section stranded AWG, max.: 500 Kcmil

UL wire cross-section stranded AWG, min.: 2/0

UL wire material: Cu

### **CSA approval**

: 042110\_0\_000

CSA Usegroup C: rated current: 370A

CSA Usegroup C: rated voltage: 600V

CSA approval: C22.2 No 158

CSA approval granted: ✓

CSA stripping length: 38mm

CSA wire cross-section AWG, max.: 500 Kcmil

CSA wire cross-section AWG, min.: 2/0

### **CSAus approval**

: 042110\_0\_000

CSAus Usegroup C: rated current: 370A

CSAus Usegroup C: rated voltage: 600V

CSAus approval: UL 1059

CSAus approval granted: ✓

CSAus stripping length: 38mm

CSAus wire cross-section AWG, max.: 500 Kcmil

CSAus wire cross-section AWG, min.: 2/0

## **Environment**

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### **Environmental Product Compliance**

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EU-POP Conform: Yes

PROP 65 Conform: Yes

REACH Candidate Substance Note: No

REACH Conform: Yes

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REACH Reference date: 2025-06-25

RoHS Conform: Yes

TSCA Conform: Yes

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## Accessories

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### Measurement pick-off terminal

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**MAG 150/240 BG**  
1125.2

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### Cover

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**AD 1/240/B YE**  
2808.0

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### Inlay profile

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**EP 240**  
2360.0

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### End stop

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**ES 35/K/ST BG**  
2828.0

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### Allen key socket wrench

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**ISKS 8**  
2773.0

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### Insulated cross-connector

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**AQI 3/240 YE**  
2770.2

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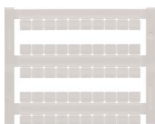


**AQI 2/240 YE**  
2769.2

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**Quick marking**

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**PMC SB 6/50 WH**  
4702.7

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