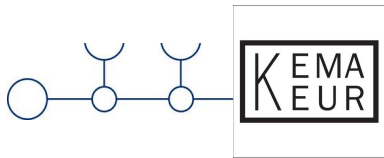


# SRK 35/2A/IS BG

17142.2



ERC



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 35 mm<sup>2</sup>, Width: 16.1 mm, Colour: Beige

## Commercial

### General

Colour: Beige

Country of origin: DE

Customs number: 85369010

GTIN (EAN): 4044211186647

Packaging unit: 20

Product description: Feed-through terminal

Quantity unit: PC

Unit of weight: G

Weight per piece (including packaging): 60.7g

Weight per piece (not including packaging): 58g

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## Technical

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### Dimensions

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Height TS 35/7.5: 65.5mm

Length: 59mm

Width: 16.1mm

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### Ratings

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Contamination degree: 3

Current load, max.: 150A

Maximum power dissipation for nominal condition: 4W

Overvoltage category: III

Rated cross-section: 35mm<sup>2</sup>

Rated current: 125A

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 6

Stripping length: 18mm

Tightening torque, max.: 3.7Nm

Tightening torque, min.: 3.2Nm

Wire cross-section AWG, max.: 1/0

Wire cross-section AWG, min.: 16

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

Wire cross-section single-core (rigid) / stranded, AWG max.: 1/0

Wire cross-section single-core (rigid) / stranded, AWG min.: 16

Wire cross-section single-core (rigid) / stranded, min.: 1.5mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, AWG max.: 2

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Wire cross-section stranded with wire-end ferrules, AWG min.: 16

Wire cross-section stranded with wire-end ferrules, max.: 35mm<sup>2</sup>

Wire cross-section stranded with wire-end ferrules, min.: 1.5mm<sup>2</sup>

Wire cross-section stranded, AWG max.: 1/0

Wire cross-section stranded, AWG min.: 16

Wire cross-section stranded, max.: 50mm<sup>2</sup>

Wire cross-section stranded, min.: 1.5mm<sup>2</sup>

### Further technical data

Gauge plug acc. to EN 60 947-1: B9

Mounting type: Mounting rail TS 35/7,5

Number of cross-connection channels: 2

Number of test pick-off options: 1

### Materials

Flammability class UL 94: V-0

Insulation housing: Polyamide 6.6

Working temperature, max.: 120°C

Working temperature, min.: -40°C

## Approvals

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### Standards and regulations

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: 125A

KEMA rated impulse voltage: 8kV

KEMA rated voltage: 1000V

KEMA torque, max.: 3.7Nm

KEMA torque, min.: 3.2Nm

KEMA wire cross-section single core (rigid), min.: 2.5mm<sup>2</sup>

KEMA wire cross-section single-core (rigid), max.: 35mm<sup>2</sup>

KEMA wire cross-section stranded, max.: 35mm<sup>2</sup>

KEMA wire cross-section stranded, min.: 2.5mm<sup>2</sup>

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## UL Recognized

UL File Number: E95701

UL Recognized: 1

UL Usegroup B: rated current: 150A

UL Usegroup B: rated voltage: 600V

UL Usegroup C: rated current: 150A

UL Usegroup C: rated voltage: 600V

UL approval: UL 1059

UL factory wiring: ✓

UL field wiring: ✓

UL torque, max.: 32.7Lb In.

UL torque, min.: 28.3Lb In.

UL wire cross-section single-core (rigid) AWG, max.: 1/0

UL wire cross-section single-core (rigid) AWG, min.: 16

UL wire cross-section stranded AWG, max.: 1/0

UL wire cross-section stranded AWG, min.: 16

UL wire material: Cu

## CSA approval

CSA Usegroup C: rated current: 150A

CSA Usegroup C: rated voltage: 600V

CSA approval: C22.2 No 158

CSA approval granted: ✓

CSA torque, max.: 3.7Nm

CSA torque, min.: 3.2Nm

CSA wire cross-section AWG, max.: 1/0

CSA wire cross-section AWG, min.: 16

## CSAus approval

CSAus Usegroup C: rated current: 150A

CSAus Usegroup C: rated voltage: 600V

CSAus approval: UL 1059

CSAus approval granted: ✓

CSAus torque, max.: 3.7Nm

CSAus torque, min.: 3.2Nm

CSAus wire cross-section AWG, max.: 1/0

CSAus wire cross-section AWG, min.: 16

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## 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

REACH Reference date: 2025-06-25

RoHS Conform: Yes

TSCA Conform: Yes

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## Accessories

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### Cover

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**SAD 1/16/B YE**

17281.8



**SAD 1/16/B WH**

17282.7

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### Measurement pick-off terminal

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**SMAG 35/6 BG**

17148.2



**SMAG 35/6 BG**

17148.2

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### End stop

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**SES 35 GN**

17250.1

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### Allen key socket wrench

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**ISKS 5**  
2818.0

### Insulated cross-connector

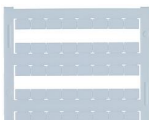
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**SQI 35/2 YE**  
17252.8

### Quick marking

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**PMC SB 8/40 WH**  
9323.7

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