

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 35 mm², Width: 16.1 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

| | |
|--|-----------------------|
| Article number | 17142.5 |
| Article name | SRK 35/2A/IS BU |
| GTIN (EAN) | 4044211205614 |
| Packaging unit | 20 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 58 g |
| Weight per piece (including packaging) | 60.7 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Prio-Article | 17142.2 |
| Product description | Feed-through terminal |

Technical data

Dimensions

| | |
|------------------|---------|
| Length | 59 mm |
| Width | 16.1 mm |
| Height TS 35/7.5 | 65.5 mm |

Ratings

| | |
|---|--------------------|
| Rated voltage | 1000 V |
| Rated current | 125 A |
| Current load, max. | 150 A |
| Rated cross-section | 35 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 4 W |

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. | 1.5 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 50 mm ² |
| Wire cross-section stranded, min. | 1.5 mm ² |
| Wire cross-section stranded, max. | 50 mm ² |
| Wire cross-section stranded with wire-end ferrules,min. | 1.5 mm ² |
| Wire cross-section stranded with wire-end ferrules,max. | 35 mm ² |
| Wire cross-section AWG, min. | 16 |
| Wire cross-section AWG, max. | 1/0 |
| Stripping length | 18 mm |
| Screw head | Inner hex (Allen) |
| Screw threading | M 6 |
| Tightening torque, min. | 3.2 Nm |
| Tightening torque, max. | 3.7 Nm |
| Wire cross-section single-core (rigid) / stranded, AWGmax. | 1/0 |
| Wire cross-section single-core (rigid) / stranded, AWGmin. | 16 |
| Wire cross-section stranded, AWG max. | 1/0 |
| Wire cross-section stranded, AWG min. | 16 |
| Wire cross-section stranded with wire-end ferrules, AWG max. | 2 |
| Wire cross-section stranded with wire-end ferrules, AWG min. | 16 |

Materials

| | |
|---------------------------|---------------|
| Insulation housing | Polyamide 6.6 |
| Flammability class UL 94 | V-0 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |

Further technical data

| | |
|-------------------------------------|-------------------------|
| Mounting type | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1 | B9 |
| Number of cross-connection channels | 2 |
| Number of test pick-off options | 1 |

Technical data

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2022-06-10 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

| | |
|----------------------|----------------|
| EAC approval | TR ZU 004/2011 |
| EAC approval granted | yes |

CSA approval

| | |
|----------------------------------|--------------|
| CSA approval | C22.2 No 158 |
| CSA approval granted | yes |
| CSA Usegroup C: rated voltage | 600 V |
| CSA Usegroup C: rated current | 150 A |
| CSA wire cross-section AWG, min. | 16 |
| CSA wire cross-section AWG, max. | 1/0 |
| CSA torque, max. | 3.7 Nm |
| CSA torque, min. | 3.2 Nm |

CSAus approval

| | |
|------------------------------------|---------|
| CSAus approval | UL 1059 |
| CSAus approval granted | yes |
| CSAus Usegroup C: rated voltage | 600 V |
| CSAus Usegroup C: rated current | 150 A |
| CSAus wire cross-section AWG, min. | 16 |
| CSAus wire cross-section AWG, max. | 1/0 |
| CSAus torque, min. | 3.2 Nm |
| CSAus torque, max. | 3.7 Nm |

KEMA KEUR approval

| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 1000 V |
| KEMA rated current | 125 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section single core (rigid), min. | 2.5 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 35 mm ² |
| KEMA wire cross-section stranded, min. | 2.5 mm ² |
| KEMA wire cross-section stranded, max. | 35 mm ² |
| KEMA torque, min. | 3.2 Nm |
| KEMA torque, max. | 3.7 Nm |

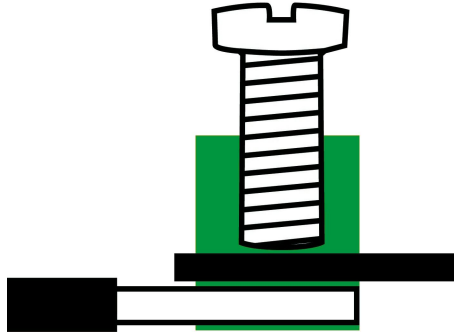
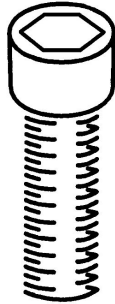
Approvals

UL Recognized

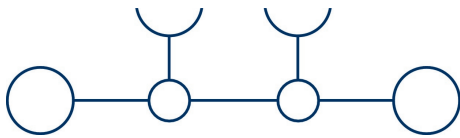
| | |
|---|-------------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 150 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 150 A |
| UL wire cross-section single-core (rigid) AWG, min. | 16 |
| UL wire cross-section single-core (rigid) AWG, max. | 1/0 |
| UL wire cross-section stranded AWG, min. | 16 |
| UL wire cross-section stranded AWG, max. | 1/0 |
| UL torque, min. | 28.3 Lb In. |
| UL torque, max. | 32.7 Lb In. |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

Media

M6



EAC



Accessories

Cover

Cover, Length: 40.25 mm, Width: 16 mm, Colour: Yellow



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17281.8</u> | SAD 1/16/B YE | 4044211199661 | 20 ST |

Cover, Length: 40.25 mm, Width: 16 mm, Colour: White



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17282.7</u> | SAD 1/16/B WH | 4044211199654 | 20 ST |

Measurement pick-off terminal

Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 6 mm², Width: 8.3 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17148.2</u> | SMAG 35/6 BG | 4044211186685 | 50 |

End stop

End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 8 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17250.2</u> | SES 35 BG | 4044211178253 | 50 |

Allen key socket wrench

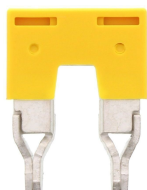
Inner hex key with bare blade



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2818.0</u> | ISKS 5 | 4044211055448 | 1 ST |

17142.5 SRK 35/2A/IS BU

Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 26.5 mm, Rated cross-section: 35 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17252.8</u> | SQI 35/2 YE | 4044211186807 | 20 ST |

Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>9323.7</u> | PMC SB 8/40 WH | 4044211129231 | 400 ST |

##INVERSE##CONTA-CONNECT



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 6 mm², Width: 8.3 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17148.2</u> | SMAG 35/6 BG | 4044211186685 | 50 |