



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

### Business data

|                                            |                       |
|--------------------------------------------|-----------------------|
| Article number                             | 17142.2               |
| Article name                               | SRK 35/2A/IS BG       |
| GTIN (EAN)                                 | 4044211186647         |
| 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 |

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### Technical data

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#### 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 <sup>2</sup> |
| 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 <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.        | 50 mm <sup>2</sup>  |
| Wire cross-section stranded, min.                            | 1.5 mm <sup>2</sup> |
| Wire cross-section stranded, max.                            | 50 mm <sup>2</sup>  |
| Wire cross-section stranded with wire-end ferrules,min.      | 1.5 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules,max.      | 35 mm <sup>2</sup>  |
| 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 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 <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 35 mm <sup>2</sup>  |
| KEMA wire cross-section stranded, min.            | 2.5 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 35 mm <sup>2</sup>  |
| KEMA torque, min.                                 | 3.2 Nm              |
| KEMA torque, max.                                 | 3.7 Nm              |

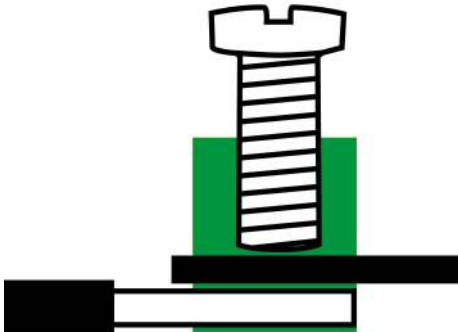
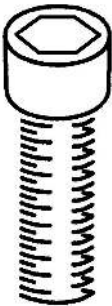
### Approvals

#### UL Recognized

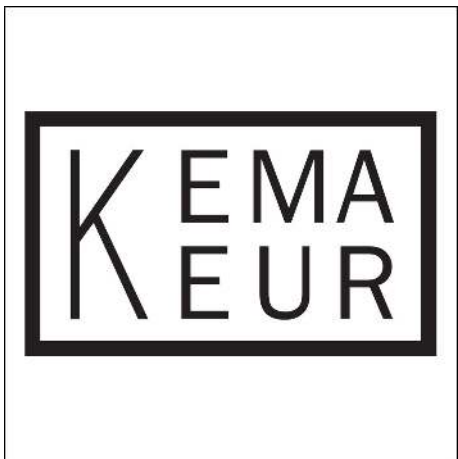
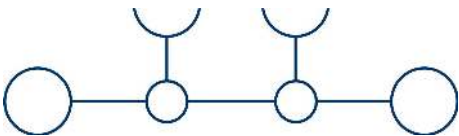
|                                                     |             |
|-----------------------------------------------------|-------------|
| UL approval                                         | UL 1059     |
| UL Usegroup B: rated voltage                        | 600 V       |
| UL Usegroup B: rated 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 mm<sup>2</sup>, 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           |



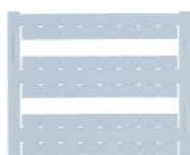
### Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 26.5 mm, Rated cross-section: 35 mm<sup>2</sup>, 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 mm<sup>2</sup>, Width: 8.3 mm, Colour: Beige

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