

Double-level terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Blue

**RAL:** Ähnlich 5005

### Business data

|  |                       |
|--|-----------------------|
| Article number                             | <u>17180.5</u>        |
| Article name                               | SRKD 2,5 BU           |
| GTIN (EAN)                                 | 4044211190675         |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 15.75 g               |
| Weight per piece (including packaging)     | 15.85 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | CZ, DE                |
| Prio-Article                               | 17180.2               |
| Product description                        | Double-level terminal |

### Technical data

#### Dimensions

|                  |        |
|------------------|--------|
| Length           | 76 mm  |
| Width            | 5.1 mm |
| Height TS 35/7.5 | 65 mm  |

#### Ratings

|   |                     |
|---|---------------------|
| Rated voltage                                   | 1000 V              |
| Rated current                                   | 24 A                |
| Current load, max.                              | 32 A                |
| Rated cross-section                             | 2.5 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV                |
| Overvoltage category                            | III                 |
| Contamination degree                            | 3                   |
| Maximum power dissipation for nominal condition | 1.54 W              |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Screw connection    |
| Connection position                                      | Lateral             |
| Connections  | 2 x 2               |
| Number of terminals per level                            | 2                   |
| Number of levels   | 2                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 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. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| Wire cross-section AWG, min.                             | 30                  |
| Wire cross-section AWG, max.                             | 12                  |
| Stripping length   | 10 mm               |
| Screw head   | Slotted             |
| Screw threading  | M 2,5               |
| Tightening torque, min.                                  | 0.4 Nm              |
| Tightening torque, max.                                  | 0.8 Nm              |

### Technical data

#### 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      | A3                      |
| Number of cross-connection channels | 3                       |
| End plate required                  | ✓                       |
| Number of test pick-off options     | 1                       |

#### Environmental Product Compliance

|                                |                        |
|--------------------------------|------------------------|
| REACH Conform                  | yes                    |
| REACH Reference date           | 2023-06-14, 2024-01-23 |
| REACH Candidate Substance Note | No                     |
| RoHS Conform                   | yes                    |

### Approvals

#### Standards and regulations

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

|                      |     |
|----------------------|-----|
| EAC approval granted | yes |
|----------------------|-----|

#### cUL Recognized

|              |              |
|--------------|--------------|
| cUL approval | C22.2 No 158 |
|--------------|--------------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup B: rated voltage | 600 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| cUL Usegroup B: rated current | 20 A |
|-------------------------------|------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup C: rated voltage | 600 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| cUL Usegroup C: rated current | 20 A |
|-------------------------------|------|

|                               |       |
|-------------------------------|-------|
| cUL Usegroup D: rated voltage | 600 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| cUL Usegroup D: rated current | 20 A |
|-------------------------------|------|

|  |    |
|--|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 30 |
|--|----|

|  |    |
|--|----|
| cUL wire cross-section single-core (rigid) AWG, max. | 12 |
|--|----|

|   |    |
|---|----|
| cUL wire cross-section stranded AWG, min. | 30 |
|---|----|

|   |    |
|---|----|
| cUL wire cross-section stranded AWG, max. | 12 |
|---|----|

|                  |        |
|------------------|--------|
| cUL torque, min. | 0.4 Nm |
|------------------|--------|

|                  |        |
|------------------|--------|
| cUL torque, max. | 0.8 Nm |
|------------------|--------|

|                   |    |
|-------------------|----|
| cUL wire material | Cu |
|-------------------|----|

|                |   |
|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

#### KEMA KEUR approval

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

|                            |     |
|----------------------------|-----|
| KEMA KEUR approval granted | yes |
|----------------------------|-----|

|                    |        |
|--------------------|--------|
| KEMA rated voltage | 1000 V |
|--------------------|--------|

|                    |      |
|--------------------|------|
| KEMA rated current | 24 A |
|--------------------|------|

|                            |      |
|----------------------------|------|
| KEMA rated impulse voltage | 8 kV |
|----------------------------|------|

|   |                     |
|---|---------------------|
| KEMA wire cross-section single core (rigid), min. | 0.2 mm <sup>2</sup> |
|---|---------------------|

|   |                   |
|---|-------------------|
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup> |
|---|-------------------|

|  |                     |
|--|---------------------|
| KEMA wire cross-section stranded, min. | 0.2 mm <sup>2</sup> |
|--|---------------------|

|  |                   |
|--|-------------------|
| KEMA wire cross-section stranded, max. | 4 mm <sup>2</sup> |
|--|-------------------|

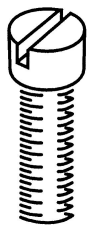
### Approvals

#### UL Recognized

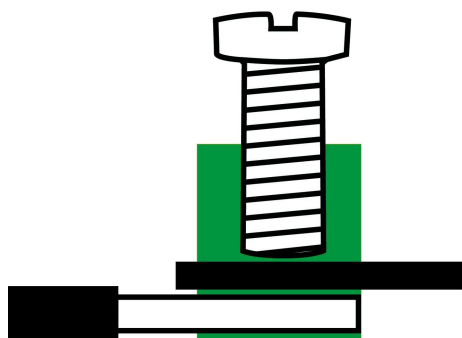
|   |            |
|---|------------|
| UL approval   | UL 1059    |
| UL Usegroup B: rated voltage                        | 600 V      |
| UL Usegroup B: rated current                        | 20 A       |
| UL Usegroup C: rated voltage                        | 600 V      |
| UL Usegroup C: rated current                        | 20 A       |
| UL Usegroup D: rated voltage                        | 600 V      |
| UL Usegroup D: rated current                        | 20 A       |
| UL wire cross-section single-core (rigid) AWG, min. | 30         |
| UL wire cross-section single-core (rigid) AWG, max. | 12         |
| UL wire cross-section stranded AWG, min.            | 30         |
| UL wire cross-section stranded AWG, max.            | 12         |
| UL torque, min.                                     | 3.5 Lb In. |
| UL torque, max.                                     | 7 Lb In.   |
| UL wire material                                    | Cu         |
| UL factory wiring                                   | 1          |
| UL field wiring                                     | 1          |
| UL Recognized                                       | 1          |

### Media

**M2.5**



**EAC**



**cRU<sup>®</sup>US**

### Accessories

#### End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17292.2</u> | SAPD 2,5-4 BG | 4044211190828 | 20             |

#### 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             |

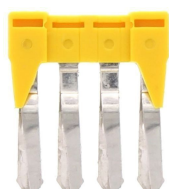
#### Insulation cap for cross-connector



Insulating cap, Colour: Yellow

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>17200.8</u> | SQIK 2,5-10 YE | 4044211148539 | 20             |

#### Insulated cross-connector



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 20.1 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17203.8</u> | SQI 2,5/4 YE | 4044211148560 | 20             |

### Insulated cross-connector



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 30.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17205.8</u> | SQI 2,5/6 YE | 4044211148584 | 20             |



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 45.6 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17208.8</u> | SQI 2,5/9 YE | 4044211148614 | 10             |



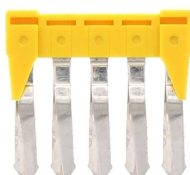
Insulated cross-connector, No. of poles: 30, Mounting type: Plug in, Width: 152.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17210.8</u> | SQI 2,5/30 YE | 4044211148638 | 5              |



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 15 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17202.8</u> | SQI 2,5/3 YE | 4044211148553 | 50             |



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 25.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17204.8</u> | SQI 2,5/5 YE | 4044211148577 | 20             |



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17201.8</u> | SQI 2,5/2 YE | 4044211148546 | 50             |



### Insulated cross-connector



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 35.4 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17206.8</u> | SQI 2,5/7 YE | 4044211148591 | 20             |



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 40.5 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17207.8</u> | SQI 2,5/8 YE | 4044211148607 | 10             |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17209.8</u> | SQI 2,5/10 YE | 4044211148621 | 10             |

### Screwdriver



Screwdriver with bare blade, Colour: Black-grey

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1085.0</u>  | SDB 0,5x3,0  | 4044211014643 | 1 ST           |

### Cover



Cover, Width: 5 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17295.8</u> | SAD 1/5/B YE | 4044211205430 | 50 ST          |