



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm², Width: 8 mm, Colour: Black

RAL: 9005

Business data

| | |
|--|-----------------------|
| Article number | <u>17108.4</u> |
| Article name | SRK 6/2A BK |
| GTIN (EAN) | 4044211170271 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 11.7 g |
| Weight per piece (including packaging) | 12.4 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Prio-Article | 17108.2 |
| Product description | Feed-through terminal |

Technical data

Dimensions

| | |
|------------------|-------|
| Length | 48 mm |
| Width | 8 mm |
| Height TS 35/7.5 | 47 mm |

Ratings

| | |
|---|--------------------|
| Rated voltage | 1000 V |
| Rated current | 41 A |
| Current load, max. | 57 A |
| Rated cross-section | 10 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 1.31 W |

Technical data

Connection data

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|--|---------------------|
| 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. | 0.2 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 10 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 10 mm ² |
| Wire cross-section stranded with wire-end ferrules,min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules,max. | 6 mm ² |
| Wire cross-section AWG, min. | 22 |
| Wire cross-section AWG, max. | 8 |
| Stripping length | 10 mm |
| Screw head | Slotted |
| Screw threading | M 3,5 |
| Tightening torque, min. | 1.2 Nm |
| Tightening torque, max. | 2 Nm |
| Wire cross-section single-core (rigid) / stranded, AWGmax. | 8 |
| Wire cross-section single-core (rigid) / stranded, AWGmin. | 22 |
| Wire cross-section stranded, AWG max. | 8 |
| Wire cross-section stranded, AWG min. | 22 |
| Wire cross-section stranded with wire-end ferrules, AWG max. | 10 |
| Wire cross-section stranded with wire-end ferrules, AWG min. | 22 |

Materials

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

Technical data

Further technical data

| | |
|-------------------------------------|-------------------------|
| Mounting type | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1 | A5 |
| Number of cross-connection channels | 2 |
| End plate required | ✓ |
| Number of test pick-off options | 1 |

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

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

| | |
|----------------------|-----|
| CSA approval granted | yes |
|----------------------|-----|

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

| | |
|-------------------------------|------|
| CSA Usegroup C: rated current | 50 A |
|-------------------------------|------|

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|----------------------------------|----|
| CSA wire cross-section AWG, min. | 22 |
|----------------------------------|----|

| | |
|----------------------------------|---|
| CSA wire cross-section AWG, max. | 8 |
|----------------------------------|---|

| | |
|------------------|--------|
| CSA torque, max. | 1.6 Nm |
|------------------|--------|

| | |
|------------------|--------|
| CSA torque, min. | 0.8 Nm |
|------------------|--------|

CSAus approval

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|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

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|------------------------|-----|
| CSAus approval granted | yes |
|------------------------|-----|

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

| | |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 50 A |
|---------------------------------|------|

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|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 22 |
|------------------------------------|----|

| | |
|------------------------------------|---|
| CSAus wire cross-section AWG, max. | 8 |
|------------------------------------|---|

| | |
|--------------------|--------|
| CSAus torque, min. | 0.8 Nm |
|--------------------|--------|

| | |
|--------------------|--------|
| CSAus torque, max. | 1.6 Nm |
|--------------------|--------|

cUL Recognized

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

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

| | |
|-------------------------------|------|
| cUL Usegroup B: rated current | 50 A |
|-------------------------------|------|

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

| | |
|-------------------------------|------|
| cUL Usegroup C: rated current | 50 A |
|-------------------------------|------|

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|--|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 22 |
|--|----|

| | |
|--|---|
| cUL wire cross-section single-core (rigid) AWG, max. | 8 |
|--|---|

| | |
|---|----|
| cUL wire cross-section stranded AWG, min. | 22 |
|---|----|

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|---|---|
| cUL wire cross-section stranded AWG, max. | 8 |
|---|---|

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

| | |
|------------------|--------|
| cUL torque, max. | 1.6 Nm |
|------------------|--------|

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

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

Approvals

KEMA KEUR approval

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|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 1000 V |
| KEMA rated current | 57 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section single core (rigid), min. | 0.5 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 10 mm ² |
| KEMA wire cross-section stranded, min. | 0.5 mm ² |
| KEMA wire cross-section stranded, max. | 10 mm ² |
| KEMA torque, min. | 0.8 Nm |
| KEMA torque, max. | 1.6 Nm |

UL Recognized

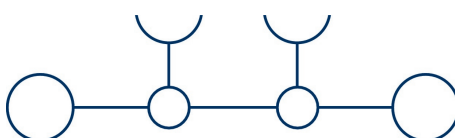
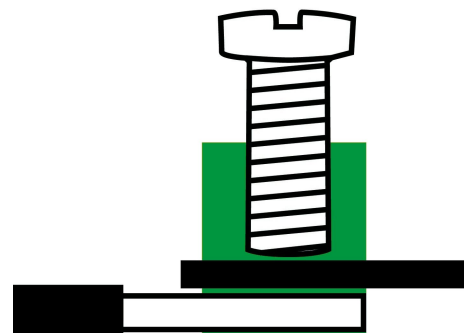
| | |
|---|-------------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 50 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 50 A |
| UL wire cross-section single-core (rigid) AWG, min. | 22 |
| UL wire cross-section single-core (rigid) AWG, max. | 8 |
| UL wire cross-section stranded AWG, min. | 22 |
| UL wire cross-section stranded AWG, max. | 8 |
| UL torque, min. | 7.1 Lb In. |
| UL torque, max. | 14.2 Lb In. |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

Approvals

German Lloyd approval

| | |
|------------------------------|---|
| DNV GL Certificate number | TAE00002JG |
| DNV GL Location Classes | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted | 1 |
| DNV GL rated cross-section | 6 mm ² |
| DNV GL rated current | 57 A |
| DNV GL rated impulse voltage | 8 kV |
| DNV GL rated voltage | 1000 V |
| DNV GL test standard | IEC 60947-7-1:2009 |

Media



Accessories

Cover

Cover, Width: 8 mm, Colour: Yellow



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17297.8</u> | SAD 1/8/B YE | 4044211205454 | 50 ST |

Measurement pick-off terminal

Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 4 mm², Width: 6.6 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17121.2</u> | SMAG 6/4 BG | 4044211172114 | 10 ST |

End plate

End plate, Width: 1.5 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2001.2</u> | AP 2,5-10 BG | 4044211047979 | 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 |

Insulation cap for cross-connector

17108.4 SRK 6/2A BK



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: 7, Mounting type: Plug in, Width: 54.8 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17226.8</u> | SQI 6/7 YE | 4044211148799 | 20 |



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 62.9 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17227.8</u> | SQI 6/8 YE | 4044211148805 | 10 |



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 30.5 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17223.8</u> | SQI 6/4 YE | 4044211148768 | 20 |



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 71 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17228.8</u> | SQI 6/9 YE | 4044211148812 | 10 |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 79.1 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17229.8</u> | SQI 6/10 YE | 4044211148829 | 10 |

Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 14.3 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17221.8</u> | SQI 6/2 YE | 4044211148744 | 50 |



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 22.4 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17222.8</u> | SQI 6/3 YE | 4044211148751 | 50 |



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17225.8</u> | SQI 6/6 YE | 4044211148782 | 20 |



Insulated cross-connector, No. of poles: 30, Mounting type: Plug in, Width: 240 mm, Rated cross-section: 6 mm², Colour: Yellow

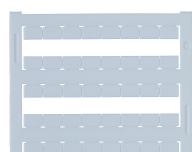
| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17230.8</u> | SQI 6/30 YE | 4044211148836 | 5 |



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 38.6 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17224.8</u> | SQI 6/5 YE | 4044211148775 | 20 |

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 |

Screwdriver

Screwdriver with bare blade, Colour: Black-grey



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1087.0</u> | SDB 0,8x4,0 | 4044211014803 | 1 ST |

Test adapters



Test adapter, Length: 70 mm, Pitch size: 5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17260.2</u> | STA 5/1 BG | 4044211171599 | 10 ST |



Test adapter, Length: 70 mm, Pitch size: 3 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17262.2</u> | STA ZP3 BG | 4044211171612 | 10 ST |

##INVERSE##CONTA-CONNECT



Test adapter, Length: 70 mm, Pitch size: 5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17260.2</u> | STA 5/1 BG | 4044211171599 | 10 ST |



Test adapter, Length: 70 mm, Pitch size: 3 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17262.2</u> | STA ZP3 BG | 4044211171612 | 10 ST |



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 4 mm², Width: 6.6 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17121.2</u> | SMAG 6/4 BG | 4044211172114 | 10 ST |