



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm², Width: 12.1 mm, Colour: Grey

RAL: 7030

Business data

| | |
|--|-----------------------|
| Article number | 17124.6 |
| Article name | SRK 16/2A GR |
| GTIN (EAN) | 4044211180980 |
| Packaging unit | 50 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 27.9 g |
| Weight per piece (including packaging) | 29.6 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Prio-Article | 17124.2 |
| Product description | Feed-through terminal |

Technical data

Dimensions

| | |
|------------------|---------|
| Length | 53 mm |
| Width | 12.1 mm |
| Height TS 35/7.5 | 55 mm |

Ratings

| | |
|---|--------------------|
| Rated voltage | 1000 V |
| Rated current | 76 A |
| Current load, max. | 101 A |
| Rated cross-section | 16 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 2.43 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. | 1.5 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 25 mm ² |
| Wire cross-section stranded, min. | 1.5 mm ² |
| Wire cross-section stranded, max. | 25 mm ² |
| Wire cross-section stranded with wire-end ferrules,min. | 1 mm ² |
| Wire cross-section stranded with wire-end ferrules,max. | 16 mm ² |
| Wire cross-section AWG, min. | 16 |
| Wire cross-section AWG, max. | 4 |
| Stripping length | 14 mm |
| Screw head | Slotted |
| Screw threading | M 5 |
| Tightening torque, min. | 2.5 Nm |
| Tightening torque, max. | 3 Nm |
| Wire cross-section single-core (rigid) / stranded, AWGmax. | 4 |
| Wire cross-section single-core (rigid) / stranded, AWGmin. | 16 |
| Wire cross-section stranded, AWG max. | 4 |
| Wire cross-section stranded, AWG min. | 16 |
| Wire cross-section stranded with wire-end ferrules, AWG max. | 6 |
| Wire cross-section stranded with wire-end ferrules, AWG min. | 16 |

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 | A7 |
| 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

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

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

CSA approval

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

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

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

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|-------------------------------|------|
| CSA Usegroup C: rated current | 80 A |
|-------------------------------|------|

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|----------------------------------|----|
| CSA wire cross-section AWG, min. | 16 |
|----------------------------------|----|

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|----------------------------------|---|
| CSA wire cross-section AWG, max. | 4 |
|----------------------------------|---|

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|------------------|------|
| CSA torque, max. | 3 Nm |
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|------------------|--------|
| CSA torque, min. | 2.5 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 | 80 A |
|---------------------------------|------|

| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 16 |
|------------------------------------|----|

| | |
|------------------------------------|---|
| CSAus wire cross-section AWG, max. | 4 |
|------------------------------------|---|

| | |
|--------------------|--------|
| CSAus torque, min. | 2.5 Nm |
|--------------------|--------|

| | |
|--------------------|------|
| CSAus torque, max. | 3 Nm |
|--------------------|------|

KEMA KEUR approval

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

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

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

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|--------------------|------|
| KEMA rated current | 76 A |
|--------------------|------|

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

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|---|---------------------|
| KEMA wire cross-section single core (rigid), min. | 1.5 mm ² |
|---|---------------------|

| | |
|---|--------------------|
| KEMA wire cross-section single-core (rigid), max. | 16 mm ² |
|---|--------------------|

| | |
|--|---------------------|
| KEMA wire cross-section stranded, min. | 1.5 mm ² |
|--|---------------------|

| | |
|--|--------------------|
| KEMA wire cross-section stranded, max. | 16 mm ² |
|--|--------------------|

| | |
|-------------------|--------|
| KEMA torque, min. | 2.5 Nm |
|-------------------|--------|

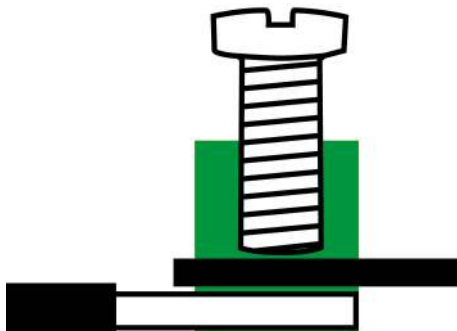
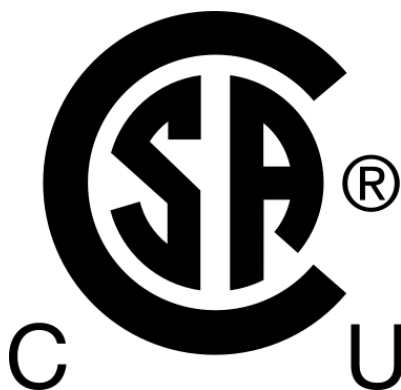
| | |
|-------------------|------|
| KEMA torque, max. | 3 Nm |
|-------------------|------|

Approvals

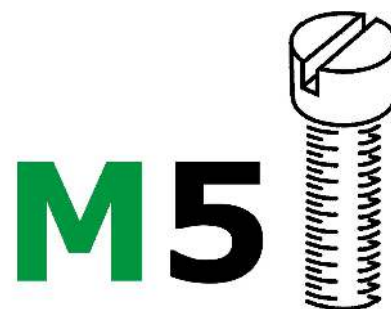
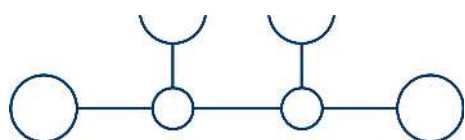
UL Recognized

| | |
|---|-------------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 80 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 80 A |
| UL wire cross-section single-core (rigid) AWG, min. | 16 |
| UL wire cross-section single-core (rigid) AWG, max. | 4 |
| UL wire cross-section stranded AWG, min. | 16 |
| UL wire cross-section stranded AWG, max. | 4 |
| UL torque, min. | 22.1 Lb In. |
| UL torque, max. | 26.5 Lb In. |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

Media



EAC



Accessories

Cover



Cover, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17248.7</u> | SAD 1/12/B WH | 4044211181123 | 20 ST |



Cover, Length: 33.25 mm, Width: 12 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>17249.8</u> | SAD 1/12/B YE | 4044211199210 | 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>17135.2</u> | SMAG 16/6 BG | 4044211181093 | 10 ST |

End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17254.2</u> | SAP 16/2A BG | 4044211181109 | 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 |

17124.6 SRK 16/2A GR

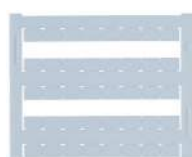
Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 20 mm, Rated cross-section: 16 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17247.8</u> | SQI 16/2 YE | 4044211181116 | 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 |

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 |

##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>17135.2</u> | SMAG 16/6 BG | 4044211181093 | 10 ST |