



Feed-through terminal, Screw connection, Mounting type: Mounting surface, Rated cross-section: 16 mm², Colour: Grey

RAL: 7032

Business data

| | |
|--|-----------------------------|
| Article number | 17394.6 |
| Article name | SDK 16/2A GR |
| GTIN (EAN) | 4044211210595 |
| Packaging unit | 50 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 35.33 g |
| Weight per piece (including packaging) | 37.2 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Product description | Panel feed-through terminal |
| Colour | Grey |

Technical data

Dimensions

| | |
|----------------------|---------|
| Length of outer part | 37.2 mm |
| Length of inner part | 29.3 mm |
| Width of outer part | 12 mm |
| Width of inner part | 12 mm |
| Height of outer part | 41.3 mm |
| Height of inner part | 38.7 mm |

Ratings

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|--|--------------------|
| Rated voltage | 630 V |
| Rated voltage when using spacer plates and mounted on a conductive housing panel | 800 V |
| Rated voltage when using spacer plates and adapter plates, and when mounting on a conductive housing panel | 1000 V |
| Rated current | 76 A |
| Current load, max. | 101 A |
| Rated cross-section | 16 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 2.43 W |

Technical data

Connection data

| | |
|---|---------------------|
| Connection principle | Screw connection |
| Number of terminals per pole | 2 |
| No. of poles | 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. | 1.5 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 | 16 mm |
| Screw head | Slotted |
| Screw threading | M 5 |
| Tightening torque, min. | 2 Nm |
| Tightening torque, max. | 4 Nm |

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 face |
| Gauge plug acc. to EN 60 947-1 | A7 |
| Sheet thickness min. | 1 mm |
| Sheet thickness max. | 6 mm |
| Sheet thickness when using spacer plates, min. | 1 mm |
| Sheet thickness when using spacer plates, max. | 5 mm |
| Thickness of mounting plate, min. | 1 |
| Thickness of mounting plate, max. | 6 |

Technical data

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2023-01-17 |
| 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 |
|--------------|--------------|

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|-------------------------------|-------|
| cUL Usegroup B: rated voltage | 300 V |
|-------------------------------|-------|

| | |
|---|-------|
| cUL Usegroup B: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 600 V |
|---|-------|

| | |
|-------------------------------|------|
| cUL Usegroup B: rated current | 10 A |
|-------------------------------|------|

| | |
|---|------|
| cUL Usegroup B: rated current when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 85 A |
|---|------|

| | |
|-------------------------------|-------|
| cUL Usegroup C: rated voltage | 300 V |
|-------------------------------|-------|

| | |
|---|-------|
| cUL Usegroup C: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 600 V |
|---|-------|

| | |
|-------------------------------|------|
| cUL Usegroup C: rated current | 10 A |
|-------------------------------|------|

| | |
|---|------|
| cUL Usegroup C: rated current when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 85 A |
|---|------|

| | |
|-------------------------------|-------|
| cUL Usegroup D: rated voltage | 300 V |
|-------------------------------|-------|

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|--|-------|
| cUL Usegroup D: rated voltage when using the SDK 4-DP spacer plate | 600 V |
|--|-------|

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|-------------------------------|------|
| cUL Usegroup D: rated current | 10 A |
|-------------------------------|------|

| | |
|--|------|
| cUL Usegroup D: rated current when using the SDK 4-DP spacer plate | 85 A |
|--|------|

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|--|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 16 |
|--|----|

| | |
|--|---|
| cUL wire cross-section single-core (rigid) AWG, max. | 4 |
|--|---|

| | |
|---|----|
| cUL wire cross-section stranded AWG, min. | 16 |
|---|----|

| | |
|---|---|
| cUL wire cross-section stranded AWG, max. | 4 |
|---|---|

| | |
|------------------|------|
| cUL torque, min. | 2 Nm |
|------------------|------|

| | |
|------------------|------|
| cUL torque, max. | 4 Nm |
|------------------|------|

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

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

Approvals

KEMA KEUR approval

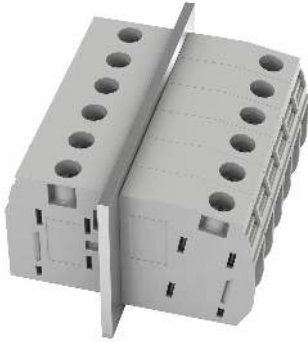
| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage with feed-through plate 1-2 mm thickness | 100 V |
| KEMA rated voltage with feed-through plate max. 3-5mm thickness | 800 V |
| KEMA rated voltage with feed-through plate 6 mm thickness | 630 V |
| KEMA conventional thermal current in free air | 76 A |
| KEMA rated impulse voltage (for 250 V without partitions) | 6 kV |
| KEMA wire cross-section, min. | 1.5 mm ² |
| KEMA wire cross-section, max. | 25 mm ² |
| KEMA torque, max. | 2 Nm |

Approvals

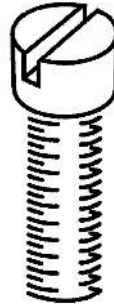
UL Recognized

| | |
|--|-------------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 300 V |
| UL Usegroup B: rated current when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 600 A |
| UL Usegroup B: rated current | 10 A |
| UL Usegroup B: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 85 V |
| UL Usegroup C: rated voltage | 300 V |
| UL Usegroup C: rated voltage when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 600 V |
| UL Usegroup C: rated current | 10 A |
| UL Usegroup C: rated current when using the SDK 4-DP spacer plate and the SDK 4-AP adapter plate | 85 A |
| UL Usegroup D: rated voltage | 300 V |
| UL Usegroup D: rated voltage when using the SDK 4-DP spacer plate | 600 V |
| UL Usegroup D: rated current | 10 A |
| UL Usegroup D: rated current when using the SDK 4-DP spacer plate | 85 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. | 17.7 Lb In. |
| UL torque, max. | 35.4 Lb In. |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

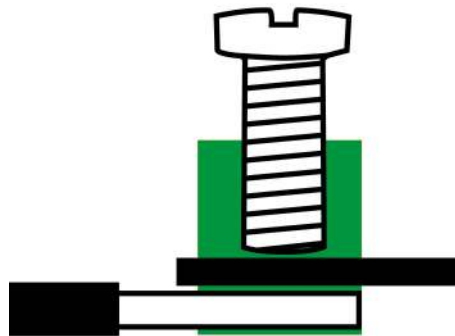
Media



M5



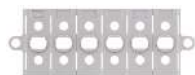
EAC



C  US

Accessories

Outer 6-pole adapter plate



Partition plate, Colour: Grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>17453.6</u> | SDK 16-AP/6 GR | 4044211210656 | 10 ST |

Inner mounting screw



Screw, Colour: natural

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-------------------|---------------|----------------|
| <u>17448.6</u> | BS-SDK 10/16 4x14 | 4044211210083 | 100 ST |

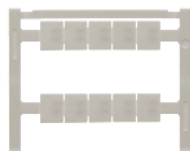
Set: outer flange plate



Flange plate, Colour: Grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>17452.6</u> | SDK 16-FP GR | 4044211210649 | 50 ST |

Quick marking



Terminal marker / Pocket Maxicard, Length: 12 mm, Width: 10 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------------|---------------|----------------|
| <u>9433.7</u> | PMC BSTR 10x12/10 WH | 4044211155223 | 100 ST |

Screwdriver

Screwdriver with bare blade, Colour: Black-grey



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