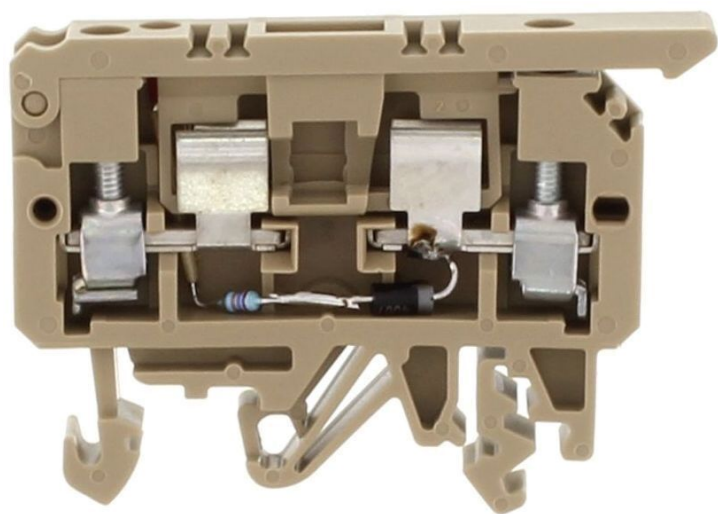


Data sheet

2451.2 STK 1/LED(RD)/60V DC BG



Fuse-disconnect terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm², Width: 8 mm, Colour: Beige

Business data

| | |
|--|--------------------------|
| Article number | 2451.2 |
| Article name | STK 1/LED(RD)/60V DC BG |
| GTIN (EAN) | 4044211052416 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 13.2 g |
| Weight per piece (including packaging) | 14.28 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Product description | Fuse-disconnect terminal |
| Colour | Beige |

2451.2 STK 1/LED(RD)/60V DC BG

Technical data

Dimensions

| | |
|------------------|---------|
| Length | 57.5 mm |
| Width | 8 mm |
| Height TS 35/7.5 | 41 mm |
| Height TS 32 | 45.5 mm |

Ratings

| | |
|---|-------------------|
| Rated voltage (determined by the illuminated display and fuse being used) | 60 DC V |
| Rated current (as fuse-disconnect terminal) | 6,3 A |
| Rated cross-section | 4 mm ² |
| Overvoltage category | III |
| Contamination degree | 3 |

Connection data

| | |
|--|----------------------|
| Connection principle | Screw connection |
| Connection position | Lateral |
| Connections | 2 / extraction lever |
| 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. | 4 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm ² |
| Wire cross-section AWG, min. | 22 |
| Wire cross-section AWG, max. | 12 |
| Stripping length | 9 mm |
| Screw head | Slotted |
| Screw threading | M 3 |
| Tightening torque, min. | 0.5 Nm |
| Tightening torque, max. | 1 Nm |

2451.2 STK 1/LED(RD)/60V DC BG

Technical data

Materials

| | |
|---------------------------|---------------|
| Insulation housing | Polyamide 6.6 |
| Flammability class UL 94 | V-2 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 105 °C |

Further technical data

| | |
|--|-----------------------------------|
| Mounting type | Mounting rail TS 35/7.5 and TS 32 |
| Fuse size | 5 x 20 / 5 x 25 mm |
| Gauge plug acc. to EN 60 947-1 | A4 |
| End plate required | ✓ |
| Voltage fuse | 250 V |
| Voltage illuminated display | 60 DC V |
| Cross-current via illuminated display | < 5 mA |
| Version of fuse holder | Swivelling |
| Type of display element (defect display) | LED |
| Version of fuse cartridge | G fuse 5 x 20 / 5 x 25 |
| Supply voltage (defect display), max. | 60 |
| Type of voltage (defect display) | DC |
| Colour of lamp | Red |

Environmental Product Compliance

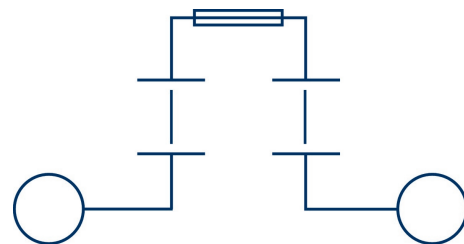
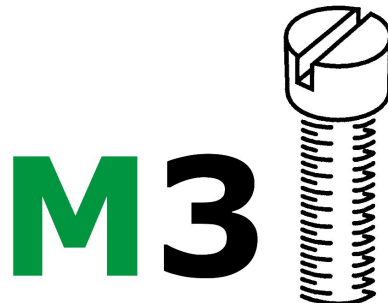
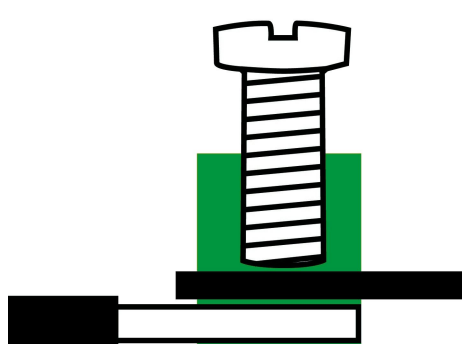
| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2023-06-14 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

KEMA KEUR approval

| | |
|---|--------------------|
| KEMA KEUR approval | EN 60947-7-3:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 400 V |
| KEMA voltage fuse, max. | 250 V |
| KEMA rated current | 6,3 A |
| KEMA rated impulse voltage | 6 kV |
| KEMA wire cross-section single core (rigid), min. | 2 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
| KEMA wire cross-section stranded, min. | 2 mm ² |
| KEMA wire cross-section stranded, max. | 4 mm ² |
| KEMA torque, min. | 5 Nm |
| KEMA torque, max. | 1 Nm |
| KEMA fuse size | 5 x 20 / 5 x 25 mm |
| KEMA power loss in singular arrangement - overload and short-circuit protection, max. | 2,5 / 6,3 W / A |
| KEMA power loss in compound arrangement - overload and short-circuit protection, max. | 2,5 / 6,3 W / A |
| KEMA power loss in singular arrangement - only short-circuit protection, max. | 4 / 6,3 W / A |
| KEMA power loss in compound arrangement - only short-circuit protection, max. | 4 / 6,3 W / A |

Media



Accessories

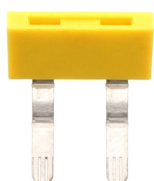
End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2046.2</u> | AP SI-1 BG | 4044211048518 | 50 |

Insulated external cross-connector



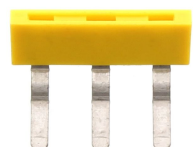
External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 16.1 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2067.0</u> | AQI 2/8/11 YE | 4044211048730 | 50 ST |



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 32.3 mm, Rated current: 27 A; Colour: Yellow

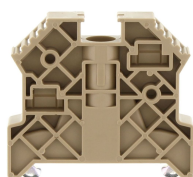
| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2069.0</u> | AQI 4/8/11 YE | 4044211048754 | 50 ST |



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 24.2 mm, Rated current: 27 A; Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2068.0</u> | AQI 3/8/11 YE | 4044211048747 | 50 ST |

End stop



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>2828.0</u> | ES 35/K/ST BG | 4044211055547 | 50 |

2451.2 STK 1/LED(RD)/60V DC BG

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 |

Connecting piece

Connecting sleeve, Colour: Orange



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2873.3</u> | VBS 2/10 OG | 4044211055981 | 20 ST |

Connecting sleeve, Colour: Orange



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>2874.3</u> | VBS 3/10 OG | 4044211055998 | 20 ST |

Screwdriver

Screwdriver with bare blade, Colour: Black-grey



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>1086.0</u> | SDB 0,6x3,5 | 4044211014797 | 1 ST |