

Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Green-yellow

Business data

| | |
|--|--------------------------|
| Article number | 3674.0 |
| Article name | ZSTK 2,5/1A/1S-H/35 GNYE |
| GTIN (EAN) | 4044211182489 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 4 g |
| Weight per piece (including packaging) | 4.5 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Prio-Article | 3674.2 |
| Product description | Feed-through terminal |

Technical data

Dimensions

| | |
|------------------|--------|
| Length | 44 mm |
| Width | 5.1 mm |
| Height | 30 mm |
| Height TS 35/7.5 | 35 mm |
| Pitch | 5 mm |

Ratings

| | |
|---|---------------------|
| Rated voltage | 500 V |
| Rated current | 24 A |
| Rated cross-section | 2.5 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 0.77 W |

Connection data

| | |
|--|---------------------------|
| Connection principle | Tension-spring connection |
| Connection position | Top |
| Connections | 2 |
| No. of poles | 1 |
| Number of terminals per level | 2 |
| Number of levels | 1 |
| Wire cross-section single-core (rigid) / stranded, min. | 0.5 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm ² |
| Wire cross-section stranded, min. | 0.5 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| Wire cross-section AWG, min. | 20 |
| Wire cross-section AWG, max. | 12 |
| Stripping length | 10 mm |

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 |
| 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 |

3674.0 ZSTK 2,5/1A/1S-H/35 GNYE

Approvals

Standards and regulations

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

CSA approval

| | |
|----------------------------------|--------------|
| CSA approval | C22.2 No 158 |
| CSA approval granted | yes |
| CSA Usegroup C: rated voltage | 300 V |
| CSA Usegroup C: rated current | 20 A |
| CSA wire cross-section AWG, min. | 20 |
| CSA wire cross-section AWG, max. | 12 |
| CSA stripping length | 10 mm |

CSAus approval

| | |
|------------------------------------|---------|
| CSAus approval | UL 1059 |
| CSAus approval granted | yes |
| CSAus Usegroup C: rated voltage | 300 V |
| CSAus Usegroup C: rated current | 20 A |
| CSAus wire cross-section AWG, min. | 20 |
| CSAus wire cross-section AWG, max. | 12 |
| CSAus stripping length | 10 mm |

cUL Recognized

| | |
|--|--------------|
| cUL approval | C22.2 No 158 |
| cUL Usegroup B: rated voltage | 300 V |
| cUL Usegroup B: rated current | 20 A |
| cUL Usegroup C: rated voltage | 300 V |
| cUL Usegroup C: rated current | 20 A |
| cUL Usegroup D: rated voltage | 300 V |
| cUL Usegroup D: rated current | 20 A |
| cUL wire cross-section single-core (rigid) AWG, min. | 20 |
| cUL wire cross-section single-core (rigid) AWG, max. | 12 |
| cUL wire cross-section stranded AWG, min. | 20 |
| cUL wire cross-section stranded AWG, max. | 12 |
| 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 | 500 V |
| KEMA rated current | 24 A |
| KEMA rated impulse voltage | 6 kV |
| KEMA wire cross-section single core (rigid), min. | 0.5 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
| KEMA wire cross-section stranded, min. | 0.5 mm ² |
| KEMA wire cross-section stranded, max. | 4 mm ² |

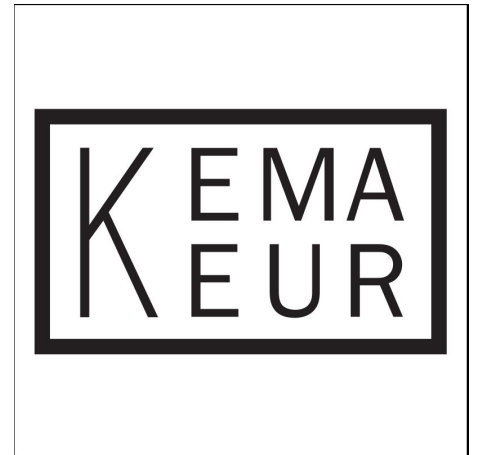
UL Recognized

| | |
|---|---------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 300 V |
| UL Usegroup B: rated current | 20 A |
| UL Usegroup C: rated voltage | 300 V |
| UL Usegroup C: rated current | 20 A |
| UL Usegroup D: rated voltage | 300 V |
| UL Usegroup D: rated current | 20 A |
| UL wire cross-section single-core (rigid) AWG, min. | 20 |
| UL wire cross-section single-core (rigid) AWG, max. | 12 |
| UL wire cross-section stranded AWG, min. | 20 |
| UL wire cross-section stranded AWG, max. | 12 |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

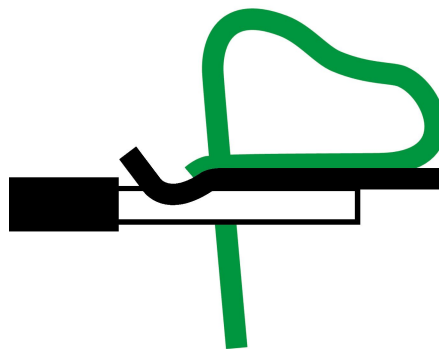
Media



EAC



C **UL**® US



C **SA**® US

Accessories

End plate

End plate, Width: 0.6 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------------|---------------|----------------|
| <u>3686.2</u> | ZAPSK 2,5/1A/1S BG | 4044211177645 | 50 |

Actuating tool

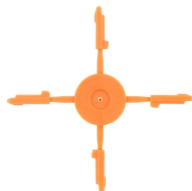
Actuating tool, No. of poles: 1, Colour: Black



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------------|---------------|----------------|
| <u>3808.0</u> | BWMA 1 (0,5 x 3,5 mm) | 4044211078850 | 1 ST |

Coding

Coding, Colour: Orange



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3689.3</u> | ZST-C OG | 4044211177805 | 50 ST |

End stop

End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 5 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3811.2</u> | ZES 35/2 BG | 4044211080600 | 50 |

Quick marking

3674.0 ZSTK 2,5/1A/1S-H/35 GNYE



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>4600.7</u> | PMC SB 5/50 WH | 4044211088903 | 500 ST |

Locking mechanism



Locking mechanism, Colour: Orange

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3687.3</u> | ZST-V OG | 4044211177911 | 50 ST |

ZST-strain relief



Strain relief, Colour: Orange

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3688.3</u> | ZST-Z OG | 4044211177928 | 50 ST |