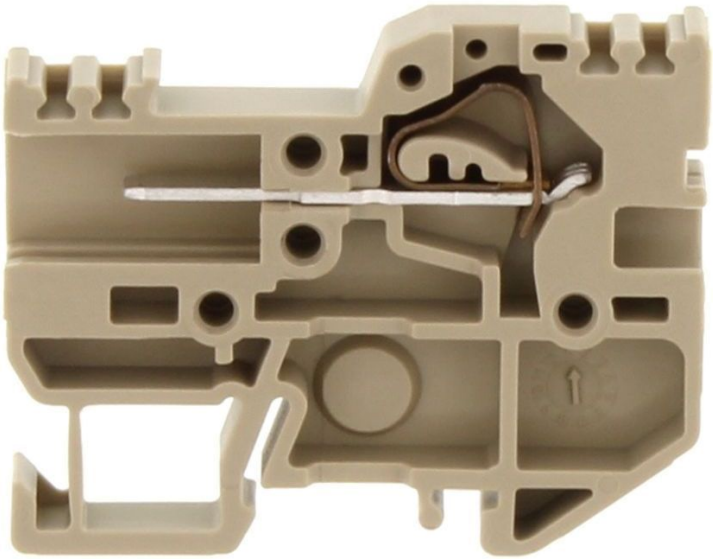
# Data sheet

## 3677.2 ZSTK 2,5/1A/1S-H/Z/15 BG



Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 15/5.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Beige

### Business data

| | |
|---|---|
| Article number | 3677.2 |
| Article name | ZSTK 2,5/1A/1S-H/Z/15 BG |
| GTIN (EAN) | 4044211177881 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 3.76 g |
| Weight per piece (including packaging) | 4.26 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 3677.2 |
| Product description | Feed-through terminal |

# Data sheet

## 3677.2 ZSTK 2,5/1A/1S-H/Z/15 BG

## Technical data

| | |
|---|---|
| **Dimensions** | |
| Length | 40 mm |
| Width | 5.1 mm |
| Height | 32 mm |
| Height TS 15/5.5 | 33 mm |
| Pitch | 5 mm |
| **Ratings** | |
| Rated voltage | 500 V |
| Rated current | 24 A |
| Rated cross-section | 2.5 mm² |
| 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 mm² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm² |
| Wire cross-section stranded, min. | 0.5 mm² |
| Wire cross-section stranded, max. | 4 mm² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm² |
| Wire cross-section AWG, min. | 20 |
| Wire cross-section AWG, max. | 12 |
| Stripping length | 10 mm |

# Data sheet

## 3677.2 ZSTK 2,5/1A/1S-H/Z/15 BG

## 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 | TS 15 |
| 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 | 2022-01-07, 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

| | |
|---|---|
| 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 mm² |
| KEMA wire cross-section single-core (rigid), max. | 4 mm² |
| KEMA wire cross-section stranded, min. | 0.5 mm² |
| KEMA wire cross-section stranded, max. | 4 mm² |

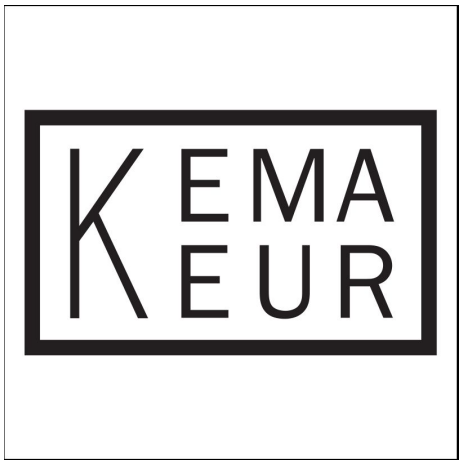
### UL Recognized

| | |
|---|---|
| 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 |

# Data sheet

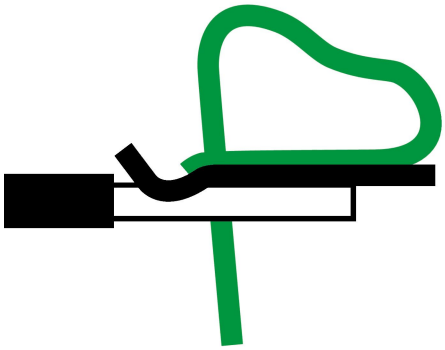
## 3677.2 ZSTK 2,5/1A/1S-H/Z/15 BG

### Media
















# Data sheet

## 3677.2 ZSTK 2,5/1A/1S-H/Z/15 BG

## Accessories

### End plate



End plate, Width: 0.6 mm, Colour: Beige

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

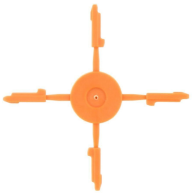
### Actuating tool



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

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

### Coding



Coding, Colour: Orange

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

### End stop



End stop, Mounting type: Mounting rail TS 15/5.5, Width: 5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3812.2 | ZES 15 BG | 4044211080617 | 50 ST |

# Data sheet

## 3677.2 ZSTK 2,5/1A/1S-H/Z/15 BG

### Quick marking



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

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

### Locking mechanism



Locking mechanism, Colour: Orange

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

### Four-way cover



Cover, Length: 6.7 mm, Width: 20.4 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3706.0 | ZAD 2,5/4/B YE | 4044211060244 | 20 ST |

### ZST-strain relief



Strain relief, Colour: Orange

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