

Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 15/5.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Beige

### Business data

|  |                          |
|--|--------------------------|
| Article number                             | <u>3677.2</u>            |
| 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    |

### 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 mm <sup>2</sup> |
| 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 <sup>2</sup>       |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>         |
| Wire cross-section stranded, min.                        | 0.5 mm <sup>2</sup>       |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>         |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm <sup>2</sup>       |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup>       |
| Wire cross-section AWG, min.                             | 20                        |
| Wire cross-section AWG, max.                             | 12                        |
| Stripping length   | 10 mm                     |

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### Technical data

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#### 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           | 2023-06-14, 2024-01-23 |
| 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 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.5 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |

#### 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<sup>®</sup> US**



**C CSA<sup>®</sup> US**

### Accessories

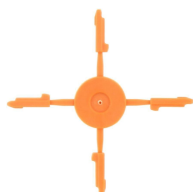
#### End plate



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             |

#### 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 15/5.5, Width: 5 mm, Colour: Beige

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

#### Quick marking



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

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

Locking mechanism, Colour: Orange



| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3687.3</u>  | 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 |
|----------------|----------------|---------------|----------------|
| <u>3706.0</u>  | ZAD 2,5/4/B YE | 4044211060244 | 20 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          |