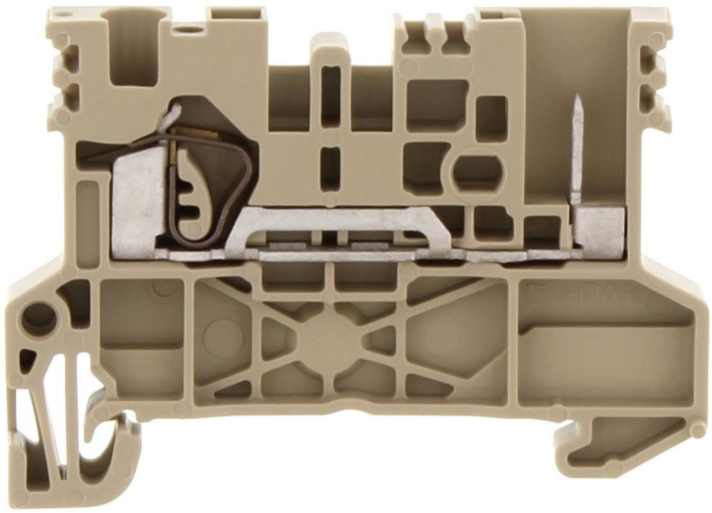
# Data sheet

## 3650.2 ZRKS 2,5/1A/1S BG



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: Beige

## Business data

| | |
|---|---|
| Article number | 3650.2 |
| Article name | ZRKS 2,5/1A/1S BG |
| GTIN (EAN) | 4044211177652 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 6.7 g |
| Weight per piece (including packaging) | 6.76 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 3650.2 |
| Product description | Feed-through terminal |

# Data sheet

## 3650.2 ZRKS 2,5/1A/1S BG

## Technical data

| | |
|---|---|
| **Dimensions** | |
| Length | 54 mm |
| Width | 5.1 mm |
| Height | 38.5 mm |
| Height TS 35/7.5 | 39.5 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 |
| **Connection data** | |
| Connection principle | Tension-spring connection |
| Connection position | Top |
| Connections | 2 |
| 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 |
| **Materials** | |
| Insulation housing | Polyamide 6.6 |
| Flammability class UL 94 | V-0 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |

# Data sheet

## 3650.2 ZRKS 2,5/1A/1S BG

## Technical data

### Further technical data

| | |
|---|---|
| Mounting type | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1 | A3 |
| Number of cross-connection channels | 2 |
| 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

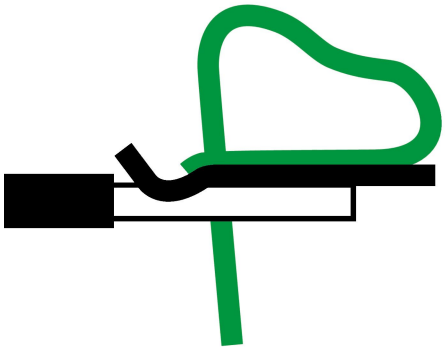
### KEMA KEUR approval

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

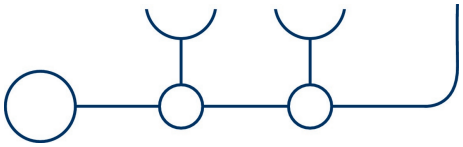
### UL Recognized

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

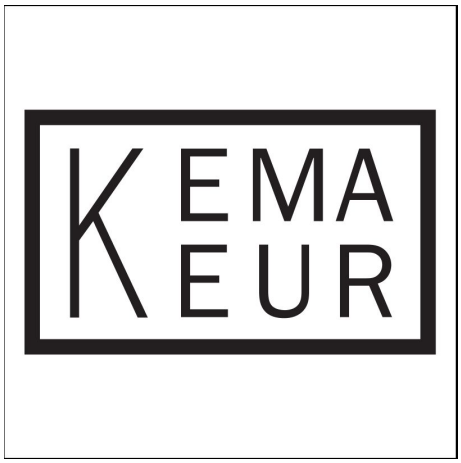
## Media





EAC






# Data sheet

## 3650.2 ZRKS 2,5/1A/1S BG

## Accessories

### End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3680.2 | ZAPS 2,5/1A/1S BG | 4044211177584 | 50 |

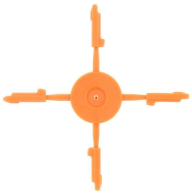
### Actuating tool



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 35/7.5 and TS 35/15, Width: 5 mm, Colour: Beige

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

### Test adapter



Test adapter, Pitch size: 5.1 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3740.2 | ZTA 2,5 BG | 4044211060497 | 10 ST |

### Insulated cross-connector



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3715.8 | ZQI 2,5/7 YE | 4044211060336 | 20 |



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3710.8 | ZQI 2,5/2 YE | 4044211060282 | 50 |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3718.8 | ZQI 2,5/10 YE | 4044211060367 | 10 |



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3711.8 | ZQI 2,5/3 YE | 4044211060299 | 50 |



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3713.8 | ZQI 2,5/5 YE | 4044211060312 | 20 |

# Data sheet

## 3650.2 ZRKS 2,5/1A/1S BG

### Insulated cross-connector



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 39.7 mm,Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3716.8 | ZQI 2,5/8 YE | 4044211060343 | 10 |



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 44.8 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3717.8 | ZQI 2,5/9 YE | 4044211060350 | 10 |



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3712.8 | ZQI 2,5/4 YE | 4044211060305 | 20 |



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 29.5 mm, Rated cross-section: 2.5 mm², Colour: Yellow

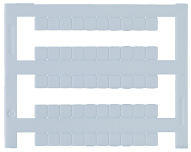
| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3714.8 | ZQI 2,5/6 YE | 4044211060329 | 20 |



Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3719.8 | ZQI 2,5/0,5 m/99 Pole YE | 4044211060374 | 2 |

### 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 |