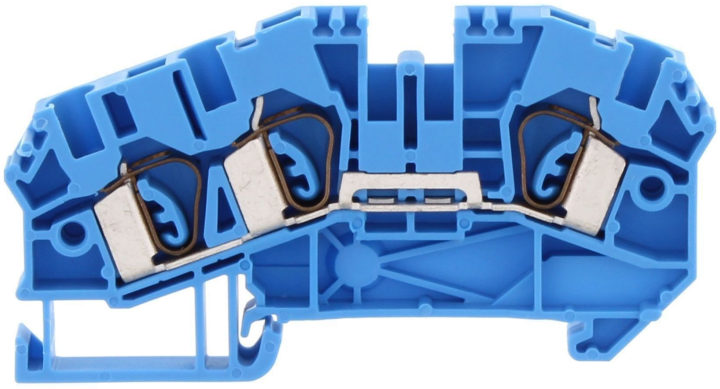
# Data sheet

## 3516.5 ZRK 4/3A BU



Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Blue

**RAL:** Ähnlich 5005

## Business data

| | |
|---|---|
| Article number | 3516.5 |
| Article name | ZRK 4/3A BU |
| GTIN (EAN) | 4044211058623 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 12.6 g |
| Weight per piece (including packaging) | 13.6 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 3516.2 |
| Product description | Feed-through terminal |

# Data sheet

## 3516.5 ZRK 4/3A BU

## Technical data

### Dimensions

| | |
|---|---|
| Length | 78.5 mm |
| Width | 6.1 mm |
| Height TS 35/7.5 | 42 mm |

### Ratings

| | |
|---|---|
| Rated voltage | 800 V |
| Rated current | 32 A |
| Rated cross-section | 4 mm² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 1.02 W |

### Connection data

| | |
|---|---|
| Connection principle | Tension-spring connection |
| Connection position | Diagonal |
| Connections | 3 |
| Number of terminals per level | 3 |
| Number of levels | 1 |
| Wire cross-section single-core (rigid) / stranded, min. | 0.5 mm² |
| Wire cross-section single core (rigid)/stranded, max. | 6 mm² |
| Wire cross-section stranded, min. | 0.6 mm² |
| Wire cross-section stranded, max. | 6 mm² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm² |
| Wire cross-section AWG, min. | 20 |
| Wire cross-section AWG, max. | 10 |
| Stripping length | 12 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

## 3516.5 ZRK 4/3A BU

## Technical data

### Further technical data

| | |
|---|---|
| Mounting type | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1 | A4 |
| Number of cross-connection channels | 2 |
| End plate required | ✓ |
| Number of test pick-off options | 2 |

### Environmental Product Compliance

| | |
|---|---|
| REACH Conform | yes |
| REACH Reference date | 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 | 600 V |
| CSA Usegroup C: rated current | 35 A |
| CSA wire cross-section AWG, min. | 20 |
| CSA wire cross-section AWG, max. | 10 |
| CSA stripping length | 10 mm |

| CSAus approval | |
|---|---|
| CSAus approval | UL 1059 |
| CSAus approval granted | yes |
| CSAus Usegroup C: rated voltage | 600 V |
| CSAus Usegroup C: rated current | 35 A |
| CSAus wire cross-section AWG, min. | 20 |
| CSAus wire cross-section AWG, max. | 10 |
| CSAus stripping length | 10 mm |

| KEMA KEUR approval | |
|---|---|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 800 V |
| KEMA rated current | 32 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section single core (rigid), min. | 0.6 mm² |
| KEMA wire cross-section single-core (rigid), max. | 6 mm² |
| KEMA wire cross-section stranded, min. | 0.6 mm² |
| KEMA wire cross-section stranded, max. | 6 mm² |

## Approvals

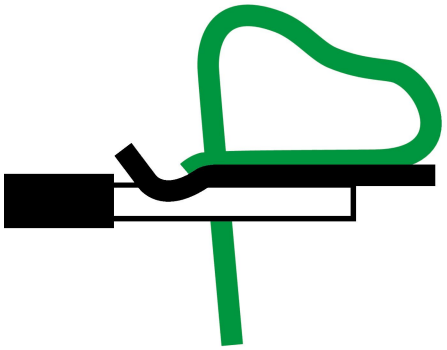
### UL Recognized

| | |
|---|---|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 35 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 35 A |
| UL Usegroup D: rated voltage | 600 V |
| UL Usegroup D: rated current | 35 A |
| UL wire cross-section single-core (rigid) AWG, min. | 20 |
| UL wire cross-section single-core (rigid) AWG, max. | 10 |
| UL wire cross-section stranded AWG, min. | 20 |
| UL wire cross-section stranded AWG, max. | 10 |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

### DNV GL Approval

| | |
|---|---|
| DNV GL Location Classes | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted | 1 |
| DNV GL rated cross-section | 4 mm² |
| DNV GL rated current | 32 A |
| DNV GL rated voltage | 800 V |
| DNV GL test standard | IEC 60947-7-1:2009 |
| DNV GL wire cross-section single-core (rigid), max. | 6 mm² |
| DNV GL wire cross-section stranded, max. | 4 mm² |

### Media



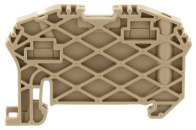
## Accessories

### End plate

End plate, Width: 2 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3704.2 | ZAP 4/3A BG | 4044211060176 | 50 |

### End stop



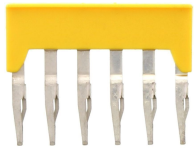
End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3748.2 | ZES 35 BG | 4044211060572 | 50 |

### Insulated cross-connector

Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 22.3 mm, Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3722.8 | ZQI 4/4 YE | 4044211060404 | 20 |



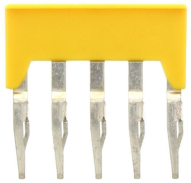
Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 34.5 mm, Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3724.8 | ZQI 4/6 YE | 4044211060428 | 20 |

Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3720.8 | ZQI 4/2 YE | 4044211060381 | 50 |

### Insulated cross-connector



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 28.4 mm,Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3723.8 | ZQI 4/5 YE | 4044211060411 | 20 |

Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 52.8 mm, Rated cross-section: 4 mm², Colour: Yellow

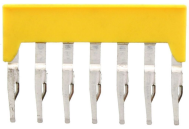
| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3727.8 | ZQI 4/9 YE | 4044211060459 | 10 |

Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.2 mm, Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3721.8 | ZQI 4/3 YE | 4044211060398 | 50 |

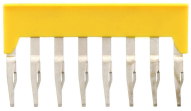
Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 58.9 mm, Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3728.8 | ZQI 4/10 YE | 4044211060466 | 10 |



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 40.6 mm, Rated cross-section: 4 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3725.8 | ZQI 4/7 YE | 4044211060435 | 20 |



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 4 mm², Colour: Yellow

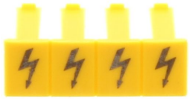
| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3726.8 | ZQI 4/8 YE | 4044211060442 | 10 |

### Quick marking

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 4702.7 | PMC SB 6/50 WH | 4044211089986 | 500 ST |

### Four-way cover



Cover, Length: 8 mm, Width: 24.4 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3707.0 | ZAD 4/4/B YE | 4044211060251 | 20 ST |

### Reducing sleeves

Reducing sleeve, Width: 61 mm, Pitch size: 6.1 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3753.7 | ZRH 4/0,13-0,2 WH | 4044211060626 | 1000 ST |

Reducing sleeve, Width: 61 mm, Pitch size: 6.1 mm, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3755.4 | ZRH 4/0,75-1,0 BK | 4044211060640 | 1000 ST |

Reducing sleeve, Width: 61 mm, Pitch size: 6.1 mm, Colour: Grey

| Article number | Article name | GTIN (EAN) | Packaging unit |
|---|---|---|---|
| 3754.6 | ZRH 4/0,25-0,5 GR | 4044211060633 | 1000 ST |