



Ex feed-through terminal ATEX-certified, 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

| Dusiness data | |
|--|---|
| Article number | <u>1717.5</u> |
| Article name | ZRK 4/3A Ex BU |
| GTIN (EAN) | 4044211110970 |
| Explosion-proof version (EEx e) | yes |
| 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 | DE |
| Prio-Article | 1717.2 |
| Product description | Ex feed-through terminal ATEX-certified |



| 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 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 6 mm² |
| Wire cross-section stranded, min. | 0.5 mm ² |
| Wire cross-section stranded, max. | 6 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm ² |
| 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 |



| 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 Candidate Substance Note | No |
| RoHS Conform | yes |



| Approvals | |
|---|-------------------|
| Standards and regulations | |
| ATEX certification number | TÜV ATEX 7093 U |
| 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. | 6 mm² |
| KEMA wire cross-section single-core (rigid), max. | 6 mm² |
| KEMA wire cross-section stranded, min. | 6 mm² |
| KEMA wire cross-section stranded, max. | 6 mm² |
| | |



| L Recognized UL 1059 L Usegroup B: rated voltage 600 V L Usegroup B: rated current 35 A L Usegroup C: rated voltage 600 V L Usegroup C: rated voltage 600 V L Usegroup D: rated current 35 A L Usegroup D: rated voltage 600 V L Usegroup D: rated voltage 600 V L Usegroup D: rated current 35 A L Usegroup D: rated current 35 A L Wire cross-section single-core (rigid) AWG, min. 20 L Wire cross-section single-core (rigid) AWG, max. 10 L Wire cross-section stranded AWG, min. 20 L Wire cross-section stranded AWG, max. 10 L Wire material Cu L factory wiring 1 L Recognized 1 L Recog | Approvals | |
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| L Usegroup C: rated voltage 600 V L Usegroup C: rated current 35 A L Usegroup D: rated voltage 600 V L Usegroup D: rated voltage 600 V L Usegroup D: rated current 35 A L Wire cross-section single-core (rigid) AWG, min. 20 L wire cross-section stranded AWG, min. 20 L wire cross-section stranded AWG, min. 20 L wire cross-section stranded AWG, min. 20 L wire material Cu L wire material Cu L Recognized 1 L Recognized 1 L Recognized 1 NV GL Approval NV GL Approval granted 1 NV GL approval granted 1 NV GL approval granted 1 NV GL rated cross-section 4 mm² NV GL rated current 32 A NV GL rated voltage 800 V NV GL test standard IEC 60947-7-1:2009 NV GL wire cross-section single-core (rigid), max. 6 mm² | UL Usegroup B: rated voltage | 600 V |
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| L Usegroup D: rated voltage L Usegroup D: rated current 35 A L wire cross-section single-core (rigid) AWG, min. 20 L wire cross-section single-core (rigid) AWG, max. 10 L wire cross-section stranded AWG, min. 20 L wire cross-section stranded AWG, min. 20 L wire cross-section stranded AWG, max. 10 L wire material Cu L factory wiring 1 L field wiring 1 L Recognized 1 NV GL Approval NV GL Location Classes Temperature: B, Humidity: B, Vibration: A NV GL approval granted 1 NV GL rated cross-section 4 mm² NV GL rated current 32 A NV GL rated voltage 800 V NV GL test standard IEC 60947-7-1:2009 NV GL wire cross-section single-core (rigid), max. 6 mm² | UL Usegroup C: rated voltage | 600 V |
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| L factory wiring 1 L field wiring 1 L Recognized 1 NV GL Approval NV GL Location Classes Temperature: B, Humidity: B, Vibration: A NV GL approval granted 1 NV GL rated cross-section 4 mm² NV GL rated current 32 A NV GL rated voltage 800 V NV GL test standard IEC 60947-7-1:2009 NV GL wire cross-section single-core (rigid), max. 6 mm² | UL wire cross-section stranded AWG, max. | 10 |
| L field wiring 1 L Recognized 1 NV GL Approval NV GL Location Classes Temperature: B, Humidity: B, Vibration: A NV GL approval granted 1 NV GL rated cross-section 4 mm² NV GL rated current 32 A NV GL rated voltage 800 V NV GL test standard IEC 60947-7-1:2009 NV GL wire cross-section single-core (rigid), max. 6 mm² | UL wire material | Cu |
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| NV GL rated voltage NV GL test standard IEC 60947-7-1:2009 NV GL wire cross-section single-core (rigid), max. 6 mm² | DNV GL rated cross-section | 4 mm² |
| NV GL test standard IEC 60947-7-1:2009 NV GL wire cross-section single-core (rigid), max. 6 mm² | DNV GL rated current | 32 A |
| NV GL wire cross-section single-core (rigid), max. 6 mm ² | DNV GL rated voltage | 800 V |
| | DNV GL test standard | IEC 60947-7-1:2009 |
| NV GL wire cross-section stranded, max. 4 mm ² | DNV GL wire cross-section single-core (rigid), max. | 6 mm² |
| | DNV GL wire cross-section stranded, max. | 4 mm² |

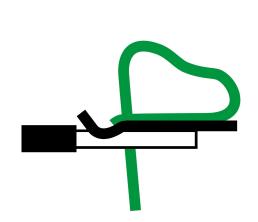


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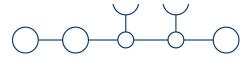
















Data sheet

1717.5 ZRK 4/3A Ex BU



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 |

Data sheet

1717.5 ZRK 4/3A Ex BU



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 |

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| IVCA | ucing | 31 | CCA | 60 |

| 100000000 | 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 |