

Ex feed-through terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm², Width: 12.1 mm, Colour: Beige

Business data

| | |
|--|---|
| Article number | <u>1721.2</u> |
| Article name | ZRK 16/2A Ex BG |
| GTIN (EAN) | 4044211080143 |
| Explosion-proof version (EEx e) | yes |
| Packaging unit | 50 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 35.4 g |
| Weight per piece (including packaging) | 36.45 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |
| Prio-Article | 1721.2 |
| Product description | Ex feed-through terminal ATEX-certified |

Technical data

Dimensions

| | |
|------------------|---------|
| Length | 81.5 mm |
| Width | 12.1 mm |
| Height TS 35/7.5 | 51.5 mm |

Ratings

| | |
|---|--------------------|
| Rated voltage | 1000 V |
| Rated current | 76 A |
| Rated cross-section | 16 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 2.43 W |

Connection data

| | |
|--|---------------------------|
| Connection principle | Tension-spring connection |
| Connection position | Diagonal |
| Connections | 2 |
| Number of terminals per level | 2 |
| Number of levels | 1 |
| Wire cross-section single-core (rigid) / stranded, min. | 1.5 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 25 mm ² |
| Wire cross-section stranded, min. | 1.5 mm ² |
| Wire cross-section stranded, max. | 16 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 1.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 16 mm ² |
| Wire cross-section AWG, min. | 14 |
| Wire cross-section AWG, max. | 4 |
| Stripping length | 18 mm |

Materials

| | |
|---------------------------|---------------|
| Insulation housing | Polyamide 6.6 |
| Flammability class UL 94 | V-0 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |

Technical data

Further technical data

| | |
|-------------------------------------|-------------------------|
| Mounting type | Mounting rail TS 35/7,5 |
| Gauge plug acc. to EN 60 947-1 | A7 |
| Number of cross-connection channels | 2 |
| End plate required | ✓ |
| Number of test pick-off options | 2 |

Environmental Product Compliance

| | |
|--------------------------------|------------------------|
| REACH Conform | Yes, yes |
| REACH Reference date | 2024-06-27, 2024-06-27 |
| REACH Candidate Substance Note | No |
| RoHS Conform | Yes, 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 | 1000 V |
| CSA Usegroup C: rated current | 65 A |
| CSA wire cross-section AWG, min. | 14 |
| CSA wire cross-section AWG, max. | 4 |
| CSA stripping length | 18 mm |

CSAus approval

| | |
|------------------------------------|---------|
| CSAus approval | UL 1059 |
| CSAus approval granted | yes |
| CSAus Usegroup C: rated voltage | 1000 V |
| CSAus Usegroup C: rated current | 65 A |
| CSAus wire cross-section AWG, min. | 14 |
| CSAus wire cross-section AWG, max. | 4 |
| CSAus stripping length | 18 mm |

KEMA KEUR approval

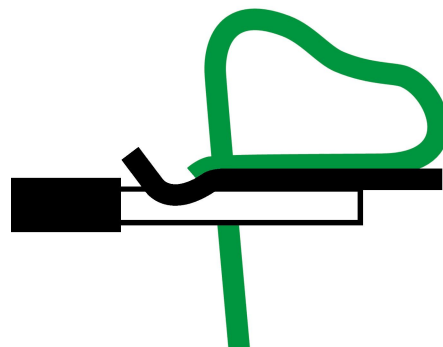
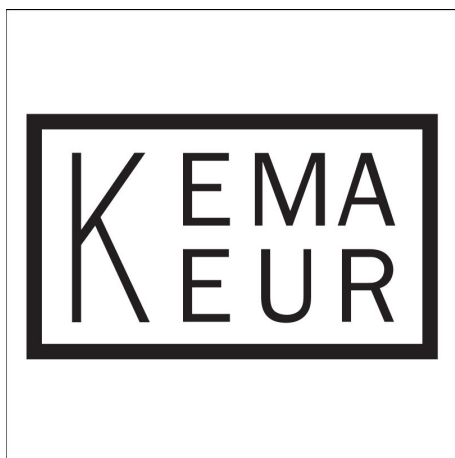
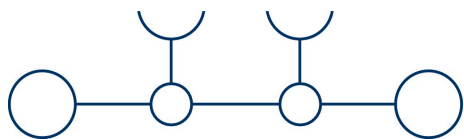
| | |
|---|--------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 1000 V |
| KEMA rated current | 76 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section single core (rigid), min. | 15 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 25 mm ² |
| KEMA wire cross-section stranded, min. | 15 mm ² |
| KEMA wire cross-section stranded, max. | 16 mm ² |

Approvals

UL Recognized

| | |
|---|---------|
| UL approval | UL 1059 |
| UL Usegroup E: rated voltage | 1000 V |
| UL Usegroup E: rated current | 65 A |
| UL wire cross-section single-core (rigid) AWG, min. | 14 |
| UL wire cross-section single-core (rigid) AWG, max. | 4 |
| UL wire cross-section stranded AWG, min. | 14 |
| UL wire cross-section stranded AWG, max. | 4 |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

Media



Accessories

End plate



End plate, Width: 2 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3799.2</u> | ZAP 16/2A BG | 4044211080204 | 20 |

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 |
|----------------|--------------|---------------|----------------|
| <u>3748.2</u> | ZES 35 BG | 4044211060572 | 50 |

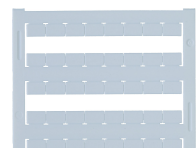
Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 20.4 mm, Rated cross-section: 16 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3800.8</u> | ZQI 16/2 YE | 4044211080181 | 20 ST |

Quick marking



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Colour: White

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>9323.7</u> | PMC SB 8/40 WH | 4044211129231 | 400 ST |

Four-way cover

Data sheet

1721.2 ZRK 16/2A Ex BG

Cover, Width: 48.4 mm, Colour: Yellow



Article number

Article name

GTIN (EAN)

Packaging unit

3801.0

ZAD 16/4/B YE

4044211080235

20 ST