

Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

| | |
|--|-----------------------|
| Article number | <u>3581.5</u> |
| Article name | ZRK 6/2A BU |
| GTIN (EAN) | 4044211059293 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 16.8 g |
| Weight per piece (including packaging) | 17.8 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | CZ |
| Prio-Article | 3581.2 |
| Product description | Feed-through terminal |

Technical data

Dimensions

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|------------------|---------|
| Length | 65 mm |
| Width | 8.1 mm |
| Height TS 35/7.5 | 47.5 mm |

Ratings

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|---|-------------------|
| Rated voltage | 1000 V |
| Rated current | 41 A |
| Rated cross-section | 6 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 1.31 W |

Connection data

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|--|---------------------------|
| 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. | 0.5 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 10 mm ² |
| Wire cross-section stranded, min. | 0.5 mm ² |
| Wire cross-section stranded, max. | 10 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 6 mm ² |
| Wire cross-section AWG, min. | 22 |
| Wire cross-section AWG, max. | 8 |
| Stripping length | 13 mm |

Materials

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|---------------------------|---------------|
| 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 | A5 |
| Number of cross-connection channels | 1 |
| End plate required | ✓ |
| Number of test pick-off options | 2 |

Environmental Product Compliance

| | |
|--------------------------------|----|
| REACH Candidate Substance Note | No |
|--------------------------------|----|

Approvals

Standards and regulations

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|--------------|----------------|
| EAC approval | TR ZU 004/2011 |
|--------------|----------------|

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|----------------------|-----|
| EAC approval granted | yes |
|----------------------|-----|

CSA approval

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|--------------|--------------|
| CSA approval | C22.2 No 158 |
|--------------|--------------|

| | |
|----------------------|-----|
| CSA approval granted | yes |
|----------------------|-----|

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|-------------------------------|-------|
| CSA Usegroup C: rated voltage | 600 V |
|-------------------------------|-------|

| | |
|-------------------------------|------|
| CSA Usegroup C: rated current | 50 A |
|-------------------------------|------|

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|----------------------------------|----|
| CSA wire cross-section AWG, min. | 22 |
|----------------------------------|----|

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|----------------------------------|---|
| CSA wire cross-section AWG, max. | 8 |
|----------------------------------|---|

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|----------------------|-------|
| CSA stripping length | 10 mm |
|----------------------|-------|

CSAus approval

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|----------------|---------|
| CSAus approval | UL 1059 |
|----------------|---------|

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|------------------------|-----|
| CSAus approval granted | yes |
|------------------------|-----|

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|---------------------------------|-------|
| CSAus Usegroup C: rated voltage | 600 V |
|---------------------------------|-------|

| | |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 50 A |
|---------------------------------|------|

| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 22 |
|------------------------------------|----|

| | |
|------------------------------------|---|
| CSAus wire cross-section AWG, max. | 8 |
|------------------------------------|---|

| | |
|------------------------|-------|
| CSAus stripping length | 10 mm |
|------------------------|-------|

cUL Recognized

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|--------------|--------------|
| cUL approval | C22.2 No 158 |
|--------------|--------------|

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|-------------------------------|-------|
| cUL Usegroup B: rated voltage | 600 V |
|-------------------------------|-------|

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|-------------------------------|------|
| cUL Usegroup B: rated current | 50 A |
|-------------------------------|------|

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|-------------------------------|-------|
| cUL Usegroup C: rated voltage | 600 V |
|-------------------------------|-------|

| | |
|-------------------------------|------|
| cUL Usegroup C: rated current | 50 A |
|-------------------------------|------|

| | |
|-------------------------------|-------|
| cUL Usegroup D: rated voltage | 600 V |
|-------------------------------|-------|

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|-------------------------------|------|
| cUL Usegroup D: rated current | 50 A |
|-------------------------------|------|

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|--|----|
| cUL wire cross-section single-core (rigid) AWG, min. | 22 |
|--|----|

| | |
|--|---|
| cUL wire cross-section single-core (rigid) AWG, max. | 8 |
|--|---|

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|---|----|
| cUL wire cross-section stranded AWG, min. | 22 |
|---|----|

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|---|---|
| cUL wire cross-section stranded AWG, max. | 8 |
|---|---|

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|-------------------|----|
| cUL wire material | Cu |
|-------------------|----|

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|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

Approvals

KEMA KEUR approval

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|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
| KEMA KEUR approval granted | yes |
| KEMA rated voltage | 1000 V |
| KEMA rated current | 41 A |
| KEMA rated impulse voltage | 8 kV |
| KEMA wire cross-section single core (rigid), min. | 0.5 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 10 mm ² |
| KEMA wire cross-section stranded, min. | 0.5 mm ² |
| KEMA wire cross-section stranded, max. | 10 mm ² |

UL Recognized

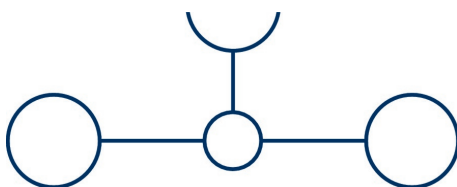
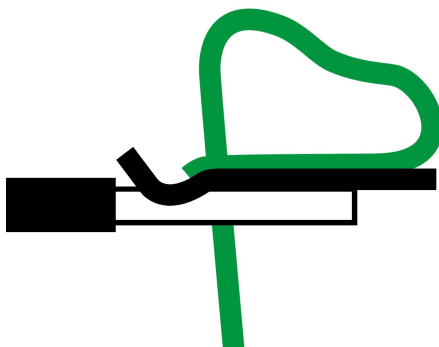
| | |
|---|---------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 600 V |
| UL Usegroup B: rated current | 50 A |
| UL Usegroup C: rated voltage | 600 V |
| UL Usegroup C: rated current | 50 A |
| UL Usegroup D: rated voltage | 600 V |
| UL Usegroup D: rated current | 50 A |
| UL wire cross-section single-core (rigid) AWG, min. | 22 |
| UL wire cross-section single-core (rigid) AWG, max. | 8 |
| UL wire cross-section stranded AWG, min. | 22 |
| UL wire cross-section stranded AWG, max. | 8 |
| UL wire material | Cu |
| UL factory wiring | 1 |
| UL field wiring | 1 |
| UL Recognized | 1 |

Approvals

DNV GL Approval

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|---|---|
| DNV GL Location Classes | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted | 1 |
| DNV GL rated cross-section | 6 mm ² |
| DNV GL rated current | 41 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. | 10 mm ² |
| DNV GL wire cross-section stranded, max. | 6 mm ² |

Media



Accessories

End plate



End plate, Width: 2 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3760.2</u> | ZAP 6/2A BG | 4044211060817 | 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: 15.7 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3763.8</u> | ZQI 6/2 YE | 4044211060893 | 50 |



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 64.3 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3769.8</u> | ZQI 6/8 YE | 4044211060954 | 10 ST |



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 72.4 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3770.8</u> | ZQI 6/9 YE | 4044211060961 | 10 ST |

Insulated cross-connector



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 23.8 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3764.8</u> | ZQI 6/3 YE | 4044211060909 | 50 |



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 31.9 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3765.8</u> | ZQI 6/4 YE | 4044211060916 | 20 ST |



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 56.2 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3768.8</u> | ZQI 6/7 YE | 4044211060947 | 20 ST |



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 31.9 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3766.8</u> | ZQI 6/5 YE | 4044211060923 | 20 ST |



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 48.1 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3767.8</u> | ZQI 6/6 YE | 4044211060930 | 20 ST |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 80.5 mm, Rated cross-section: 6 mm², Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3771.8</u> | ZQI 6/10 YE | 4044211060978 | 10 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



Cover, Length: 10.5 mm, Width: 32.4 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3708.0</u> | ZAD 6/4/B YE | 4044211060268 | 20 ST |