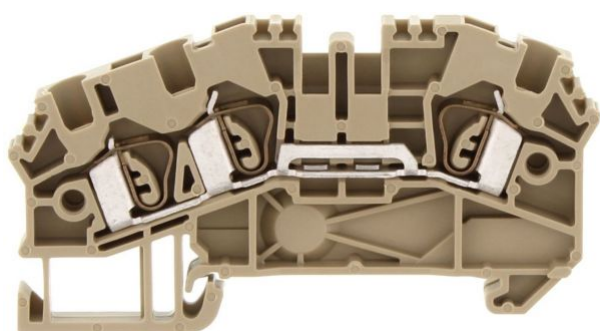


3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG



Feed-through terminal, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Beige

## Business data

|  |                       |
|--|-----------------------|
| Product description                        | Feed-through terminal |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 8.8                   |
| Weight per piece (including packaging)     | 9.6                   |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | DE                    |

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Technical Data

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### Dimensions

---

|                  |         |
|------------------|---------|
| Length           | 71.3 mm |
| Width            | 5.1 mm  |
| Height TS 35/7.5 | 39 mm   |

### Ratings

---

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 800 V               |
| Rated current         | 24 A                |
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated impulse voltage | 8 kV                |
| Overvoltage category  | III                 |
| Contamination degree  | 3                   |

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Technical Data

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### 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 <sup>2</sup>       |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>         |
| Wire cross-section stranded, min.                        | 0.5 mm <sup>2</sup>       |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>         |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm <sup>2</sup>       |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup>       |
| 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        |

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Technical Data

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### Materials

---

|                           |        |
|---------------------------|--------|
| Working temperature, max. | 120 °C |
|---------------------------|--------|

---

### 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 | 2 |
|---------------------------------|---|

---

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Approvals

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### Standards and regulations

---

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

|                      |   |
|----------------------|---|
| EAC approval granted | ✓ |
|----------------------|---|

### CSA approval

---

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

|                      |   |
|----------------------|---|
| CSA approval granted | ✓ |
|----------------------|---|

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

|                               |      |
|-------------------------------|------|
| CSA Usegroup C: rated current | 27 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 | ✓ |
|------------------------|---|

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

|                                 |      |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 27 A |
|---------------------------------|------|

|                                    |    |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 20 |
|------------------------------------|----|

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Approvals

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### CSAus approval

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|                                    |       |
|------------------------------------|-------|
| CSAus wire cross-section AWG, max. | 12    |
| CSAus stripping length             | 10 mm |

### German Lloyd approval

---

|   |                     |
|---|---------------------|
| GL approval                                     | IEC 60947-7-1       |
| GL approval granted                             | ✓                   |
| GL rated voltage                                | 800 V               |
| GL rated current                                | 24 A                |
| GL wire cross-section single core (rigid), min. | 2.5 mm <sup>2</sup> |
| GL wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| GL wire cross-section, min.                     | 2.5 mm <sup>2</sup> |
| GL wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |
| GL environmental category                       | C                   |

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Approvals

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### KEMA KEUR approval

|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1        |
| KEMA KEUR approval granted                        | ✓                   |
| KEMA rated voltage                                | 800 V               |
| KEMA rated current                                | 24 A                |
| KEMA rated impulse voltage                        | 8 kV                |
| KEMA wire cross-section single core (rigid), min. | 0.5 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.5 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 4 mm <sup>2</sup>   |

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Approvals

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### UL Recognized

|   |         |
|---|---------|
| UL Recognized                                       | UL 1059 |
| UL Recognized granted                               | ✓       |
| UL Usegroup B: rated voltage                        | 600 V   |
| UL Usegroup B: rated current                        | 27 A    |
| UL Usegroup C: rated voltage                        | 600 V   |
| UL Usegroup C: rated current                        | 27 A    |
| UL Usegroup D: rated voltage                        | 600 V   |
| UL Usegroup D: rated current                        | 27 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                                   | ✓       |
| UL field wiring                                     | ✓       |



3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG

## Media

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EAC



3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG

Media

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**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Accessories

---

### End plate

---



End plate, Width: 2 mm, Colour: Beige

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3701.2       | ZAP 2,5/3A          | 4044211060053 | 50 PC          |

---

### Actuating tool

---



Actuating tool, No. of poles: 1, Colour: Black

### In general

| Order number | Article designation   | GTIN (EAN)    | Packaging unit |
|--------------|-----------------------|---------------|----------------|
| 3808.0       | BWMA 1 (0,5 x 3,5 mm) | 4044211078850 | 1 PC           |

---

3501.2

ZRK 2,5/3A BG

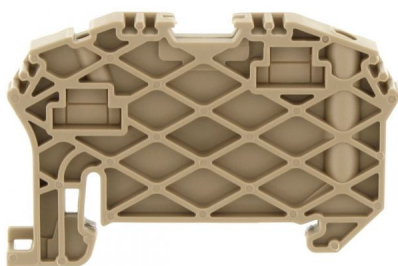
ZRK 2,5/3A BG

## Accessories

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### End bracket

---



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

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3748.2       | ZES 35              | 4044211060572 | 50 PC          |

### Test adapter

---



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

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3740.2       | ZTA 2,5             | 4044211060497 | 10 PC          |

3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG

## Accessories

---

### Insulated cross connector

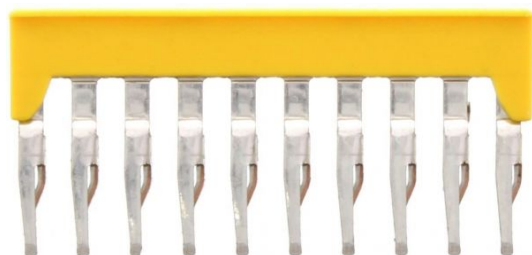
---



Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation    | GTIN (EAN)    | Packaging unit |
|--------------|------------------------|---------------|----------------|
| 3719.8       | ZQI 2,5/0,5 m/99 poles | 4044211060374 | 2 PC           |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3718.8       | ZQI 2,5/10          | 4044211060367 | 10 PC          |

3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG

## Accessories

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### Insulated cross connector

---



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

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3710.8       | ZQI 2,5/2           | 4044211060282 | 50 PC          |

---



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3711.8       | ZQI 2,5/3           | 4044211060299 | 50 PC          |

---

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3712.8       | ZQI 2,5/4           | 4044211060305 | 20 PC          |

---



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3713.8       | ZQI 2,5/5           | 4044211060312 | 20 PC          |

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3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 29.5 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3714.8       | ZQI 2,5/6           | 4044211060329 | 20 PC          |

---



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3715.8       | ZQI 2,5/7           | 4044211060336 | 20 PC          |

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3501.2

ZRK 2,5/3A BG

ZRK 2,5/3A BG

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 39.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

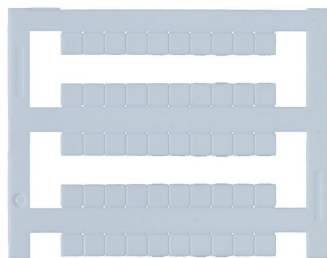
### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3716.8       | ZQI 2,5/8           | 4044211060343 | 10 PC          |

---

### Quick-marking

---



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

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 4600.7       | PMC SB 5/50 WH      | 4044211088903 | 500 PC         |

---

**3501.2**

**ZRK 2,5/3A BG**

**ZRK 2,5/3A BG**

## Accessories

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### Fourfold-cover

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Cover, Length: 6.7 mm, Width: 20.4 mm, Colour: Yellow

---

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3706.0       | ZAD 2,5/4/B         | 4044211060244 | 20 PC          |

---