

Double-level 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

|  |                       |
|--|-----------------------|
| Article number                             | 3564.2                |
| Article name                               | ZRKD 2,5/N/DU         |
| GTIN (EAN)                                 | 4044211059088         |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 12 g                  |
| Weight per piece (including packaging)     | 13 g                  |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | BG                    |
| Product description                        | Double-level terminal |
| Colour                                     | Beige                 |

### Technical data

#### Dimensions

|                            |         |
|----------------------------|---------|
| Length                     | 83.6 mm |
| Width                      | 5.1 mm  |
| Height TS 35/7.5           | 53 mm   |
| Height TS 35 / 7.5 with BA | 64 mm   |

#### Ratings

|   |                     |
|---|---------------------|
| Rated voltage                                   | 500 V               |
| Rated current                                   | 24 A                |
| Rated cross-section                             | 2.5 mm <sup>2</sup> |
| Rated impulse voltage                           | 6 kV                |
| Overvoltage category                            | III                 |
| Contamination degree                            | 3                   |
| Maximum power dissipation for nominal condition | 1.54 W              |

#### Connection data

|  |                           |
|--|---------------------------|
| Connection principle                                     | Tension-spring connection |
| Connection position                                      | Diagonal                  |
| Connections  | 2 x 2                     |
| Number of terminals per level                            | 2                         |
| Number of levels   | 2                         |
| 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        |
| Working temperature, max. | 120 °C        |

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### Technical data

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#### 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     | 4                       |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2023-06-14 |
| 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 | 300 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| CSA Usegroup C: rated current | 10 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 | yes |
|------------------------|-----|

|                                 |       |
|---------------------------------|-------|
| CSAus Usegroup C: rated voltage | 300 V |
|---------------------------------|-------|

|                                 |      |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 10 A |
|---------------------------------|------|

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

|                                    |    |
|------------------------------------|----|
| CSAus wire cross-section AWG, max. | 12 |
|------------------------------------|----|

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

#### KEMA KEUR approval

|                    |                   |
|--------------------|-------------------|
| KEMA KEUR approval | EN 60947-7-1:2009 |
|--------------------|-------------------|

|                            |     |
|----------------------------|-----|
| KEMA KEUR approval granted | yes |
|----------------------------|-----|

|                    |       |
|--------------------|-------|
| KEMA rated voltage | 500 V |
|--------------------|-------|

|                    |      |
|--------------------|------|
| KEMA rated current | 24 A |
|--------------------|------|

|                            |      |
|----------------------------|------|
| KEMA rated impulse voltage | 6 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> |
|--|-------------------|

### Approvals

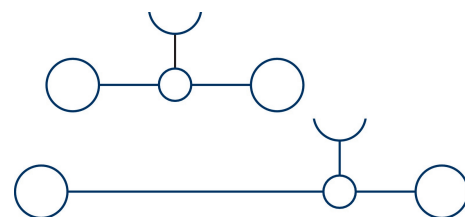
#### UL Recognized

|   |         |
|---|---------|
| UL approval   | UL 1059 |
| UL Usegroup B: rated voltage                        | 300 V   |
| UL Usegroup B: rated current                        | 10 A    |
| UL Usegroup C: rated voltage                        | 300 V   |
| UL Usegroup C: rated current                        | 10 A    |
| UL Usegroup D: rated voltage                        | 300 V   |
| UL Usegroup D: rated current                        | 10 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                                   | 1       |
| UL field wiring                                     | 1       |
| UL Recognized                                       | 1       |

#### DNV GL Approval

|   |   |
|---|---|
| DNV GL Certificate number                           | TAE00000YA                                |
| DNV GL Location Classes                             | Temperature: B, Humidity: B, Vibration: A |
| DNV GL approval granted                             | 1   |
| DNV GL rated cross-section                          | 2.5 mm <sup>2</sup>                       |
| DNV GL rated current                                | 24 A                                      |
| DNV GL rated voltage                                | 500 V                                     |
| DNV GL test standard                                | IEC 60947-7-1:2009                        |
| DNV GL wire cross-section single-core (rigid), max. | 4 mm <sup>2</sup>                         |
| DNV GL wire cross-section stranded, max.            | 2.5 mm <sup>2</sup>                       |

### Media



### Accessories

#### End plate



End plate, Width: 2 mm, Colour: Beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3756.2</u>  | ZAPD 2,5 BG  | 4044211060664 | 20             |

#### Identification adapter



Label holder, Pitch size: 5.1 mm, Colour: beige

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3745.2</u>  | ZBA 1 BG     | 4044211060541 | 20 ST          |

#### 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             |

#### Test adapter



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3740.2</u>  | ZTA 2,5 BG   | 4044211060497 | 10 ST          |

#### Insulated cross-connector

## 3564.2 ZRKD 2,5/N/DU



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3715.8</u>  | ZQI 2,5/7 YE | 4044211060336 | 20             |



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3710.8</u>  | ZQI 2,5/2 YE | 4044211060282 | 50             |



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

| Article number | Article name  | GTIN (EAN)    | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>3718.8</u>  | ZQI 2,5/10 YE | 4044211060367 | 10             |



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3711.8</u>  | ZQI 2,5/3 YE | 4044211060299 | 50             |



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3713.8</u>  | ZQI 2,5/5 YE | 4044211060312 | 20             |



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3716.8</u>  | ZQI 2,5/8 YE | 4044211060343 | 10             |



## 3564.2 ZRKD 2,5/N/DU



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3712.8</u>  | ZQI 2,5/4 YE | 4044211060305 | 20             |



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

| Article number | Article name | GTIN (EAN)    | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3714.8</u>  | ZQI 2,5/6 YE | 4044211060329 | 20             |

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

| Article number | Article name             | GTIN (EAN)    | Packaging unit |
|----------------|--------------------------|---------------|----------------|
| <u>3719.8</u>  | ZQI 2,5/0,5 m/99 Pole YE | 4044211060374 | 2              |

### Quick marking



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

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>4600.7</u>  | PMC SB 5/50 WH | 4044211088903 | 500 ST         |

### Four-way cover

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



| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>3706.0</u>  | ZAD 2,5/4/B YE | 4044211060244 | 20 ST          |

### Reducing sleeves

## 3564.2 ZRKD 2,5/N/DU

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Grey



| Article number | Article name        | GTIN (EAN)    | Packaging unit |
|----------------|---------------------|---------------|----------------|
| <u>3751.6</u>  | ZRH 2,5/0,25-0,5 GR | 4044211060602 | 1000 ST        |

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: White



| Article number | Article name        | GTIN (EAN)    | Packaging unit |
|----------------|---------------------|---------------|----------------|
| <u>3750.7</u>  | ZRH 2,5/0,13-0,2 WH | 4044211060596 | 1000 ST        |

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Black



| Article number | Article name        | GTIN (EAN)    | Packaging unit |
|----------------|---------------------|---------------|----------------|
| <u>3752.4</u>  | ZRH 2,5/0,75-1,0 BK | 4044211060619 | 1000 ST        |