



Double-level terminal with electronic components, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Beige

Business data

| | |
|--|---|
| Article number | <u>3543.2</u> |
| Article name | ZRK 2,5/2x2A/LED2(RD)/24V DC BG |
| GTIN (EAN) | 4044211058845 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 10 g |
| Weight per piece (including packaging) | 10.8 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | BG |
| Product description | Double-level terminals with electronic components |
| Colour | Beige |

Technical data

Dimensions

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|------------------|---------|
| Length | 83.6 mm |
| Width | 5.1 mm |
| Height TS 35/7.5 | 39 mm |

Ratings

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|-----------------------|---------------------|
| Rated voltage | 24 V |
| Rated current | < 0.005 A |
| Rated cross-section | 2.5 mm ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

Connection data

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|--|---------------------------|
| Connection principle | Tension-spring connection |
| Connection position | Diagonal |
| Connections | 2 x 2 |
| Number of terminals per level | 4 |
| Number of levels | 1 |
| Wire cross-section single-core (rigid) / stranded, min. | 0.5 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm ² |
| Wire cross-section stranded, min. | 0.5 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.5 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| Wire cross-section AWG, min. | 20 |
| Wire cross-section AWG, max. | 12 |
| Stripping length | 10 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 | A3 |
| Number of cross-connection channels | 1 |
| End plate required | ✓ |
| Number of test pick-off options | 2 |
| Voltage illuminated display | 24 V |
| Cross-current via illuminated display | < 5 mA |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2024-01-23 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

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 | 24 V |
|-------------------------------|------|

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|-------------------------------|----------|
| CSA Usegroup C: rated current | < 5 mA A |
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|----------------------------------|----|
| CSA wire cross-section AWG, min. | 20 |
|----------------------------------|----|

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

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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 | 24 V |
|---------------------------------|------|

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|---------------------------------|----------|
| CSAus Usegroup C: rated current | < 5 mA A |
|---------------------------------|----------|

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

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

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

KEMA KEUR approval

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

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

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|--------------------|------|
| KEMA rated voltage | 24 V |
|--------------------|------|

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

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|----------------------------|------|
| KEMA rated impulse voltage | 8 kV |
|----------------------------|------|

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|---|---------------------|
| KEMA wire cross-section single core (rigid), min. | 0.5 mm ² |
|---|---------------------|

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|---|-------------------|
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
|---|-------------------|

| | |
|--|---------------------|
| KEMA wire cross-section stranded, min. | 0.5 mm ² |
|--|---------------------|

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|--|-------------------|
| KEMA wire cross-section stranded, max. | 4 mm ² |
|--|-------------------|

Approvals

UL Recognized

| | |
|---|---------|
| UL approval | UL 1059 |
| UL Usegroup B: rated voltage | 24 V |
| UL Usegroup B: rated current | - A |
| UL Usegroup C: rated voltage | 24 V |
| UL Usegroup C: rated current | - A |
| UL Usegroup D: rated voltage | 24 V |
| UL Usegroup D: rated current | - 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 |

Media



3543.2 ZRK 2,5/2x2A/LED2(RD)/24V DC BG

Accessories

End plate

End plate, Width: 2 mm, Colour: Beige



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>3702.2</u> | ZAP 2,5/4A BG | 4044211060091 | 50 |

Actuating tool

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



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------------|---------------|----------------|
| <u>3808.0</u> | BWMA 1 (0,5 x 3,5 mm) | 4044211078850 | 1 ST |

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 |

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

3543.2 ZRK 2,5/2x2A/LED2(RD)/24V DC BG

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

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 |