

3543.2

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

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



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

| | |
|--|---|
| Product description | Double-level terminals with electronic components |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 10 |
| Weight per piece (including packaging) | 10.8 |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |

3543.2

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

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

Technical Data

Dimensions

| | |
|--------|---------|
| Length | 83.6 mm |
|--------|---------|

| | |
|-------|--------|
| Width | 5.1 mm |
|-------|--------|

| | |
|------------------|-------|
| Height TS 35/7.5 | 39 mm |
|------------------|-------|

Ratings

| | |
|---------------|------|
| 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 |
|----------------------|---|

3543.2

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

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

Technical Data

Connection data

| | |
|--|---------------------------|
| 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

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

3543.2

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

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

Technical Data

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 | 1 |
|-------------------------------------|---|

| | |
|--------------------|---|
| End plate required | ✓ |
|--------------------|---|

| | |
|---------------------------------|---|
| Number of test pick-off options | 2 |
|---------------------------------|---|

| | |
|-----------------------------|------|
| Voltage illuminated display | 24 V |
|-----------------------------|------|

| | |
|---------------------------------------|--------|
| Cross-current via illuminated display | < 5 mA |
|---------------------------------------|--------|

3543.2

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

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

Approvals

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

| | |
|-------------------------------|----------|
| CSA Usegroup C: rated current | < 5 mA 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 | 24 V |
|---------------------------------|------|

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

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

3543.2

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

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

Approvals

CSAus approval

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

KEMA KEUR approval

| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1 |
| KEMA KEUR approval granted | ✓ |
| KEMA rated voltage | 24 V |
| KEMA rated current | - 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. | 4 mm ² |
| KEMA wire cross-section stranded, min. | 0.5 mm ² |
| KEMA wire cross-section stranded, max. | 4 mm ² |

3543.2

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

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

Approvals

UL Recognized

| | |
|---|---------|
| UL Recognized | UL 1059 |
| UL Recognized granted | ✓ |
| 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 | ✓ |
| UL field wiring | ✓ |

3543.2

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

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

Media



3543.2

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

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

Accessories

End plate



End plate, Width: 2 mm, Colour: Beige

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3702.2 | ZAP 2,5/4A | 4044211060091 | 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 |

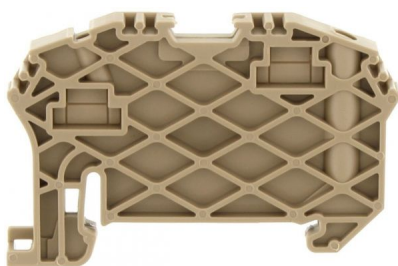
3543.2

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

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

Accessories

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 |

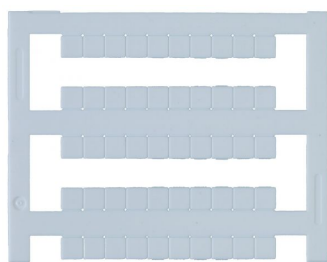
3543.2

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

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

Accessories

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 |

Fourfold-cover



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 |
