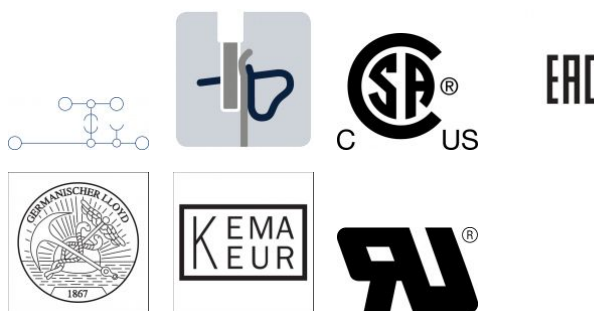


3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU



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

Business data

| | |
|--|-----------------------|
| Product description | Double-level terminal |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 13.4 |
| Weight per piece (including packaging) | 14.87 |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | DE |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

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 ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Technical Data

Connection data

| | |
|--|---------------------------|
| Connection principle | Tension-spring connection |
| Connection position | Diagonal |
| Connections | 4 |
| Number of terminals per level | 2 |
| Number of levels | 2 |
| Levels internally bridged | ✓ |
| 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 |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Technical Data

Materials

| | |
|---------------------------|--------|
| Working temperature, min. | -40 °C |
|---------------------------|--------|

| | |
|---------------------------|--------|
| 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 | 4 |
|---------------------------------|---|

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

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 | 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 | ✓ |
|------------------------|---|

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

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

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

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Approvals

CSAus approval

| | |
|------------------------------------|-------|
| 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 | 500 V |
| GL rated current | 24 A |
| GL wire cross-section single core (rigid), min. | 2.5 mm ² |
| GL wire cross-section single-core (rigid), max. | 4 mm ² |
| GL wire cross-section, min. | 2.5 mm ² |
| GL wire cross-section stranded, max. | 4 mm ² |
| GL environmental category | C |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Approvals

KEMA KEUR approval

| | |
|---|---------------------|
| KEMA KEUR approval | EN 60947-7-1 |
| KEMA KEUR approval granted | ✓ |
| 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 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 |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Approvals

UL Recognized

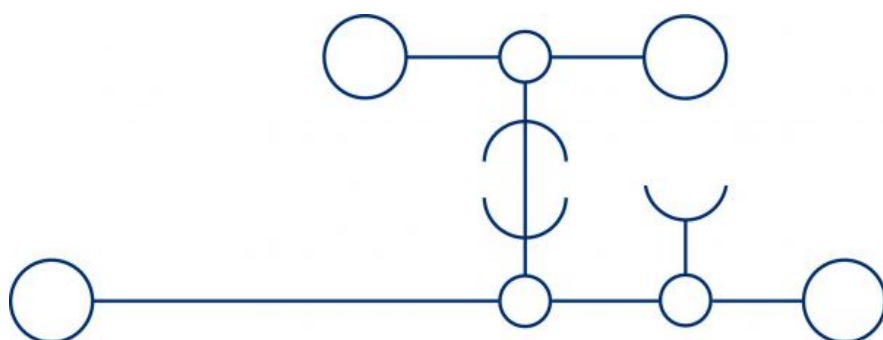
| | |
|---|---------|
| UL Recognized | UL 1059 |
| UL Recognized granted | ✓ |
| UL Usegroup B: rated voltage | 300 V |
| UL Usegroup B: rated current | 10 A |
| UL Usegroup C: rated voltage | 300 V |
| UL Usegroup C: rated current | 10 A |
| UL Usegroup D: rated voltage | 300 V |
| UL Usegroup D: rated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

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Media



EAC



3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Media



3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

End plate



End plate, Width: 2 mm, Colour: Beige

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3756.2 | ZAPD 2,5 | 4044211060664 | 20 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 |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

Marking adapter

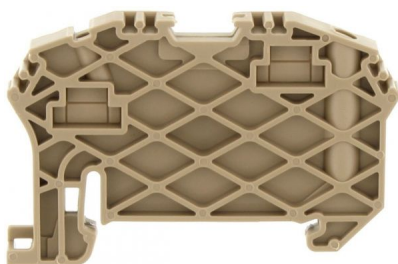


Label holder, Pitch size: 5.1 mm, Colour: beige

In general

| Order number | Article designation | GTIN (EAN) | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3745.2 | ZBA 1 BG | 4044211060541 | 20 PC |

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 |

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

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 |

Insulated cross connector



Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm², 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 |

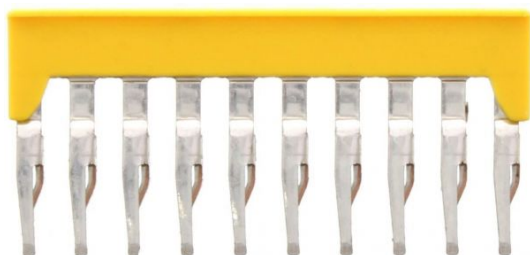
3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

Insulated cross connector



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

Insulated cross connector



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

Insulated cross connector



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 29.5 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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

3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

Accessories

Insulated cross connector



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 39.7 mm, Rated cross-section: 2.5 mm², Colour: Yellow

In general

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

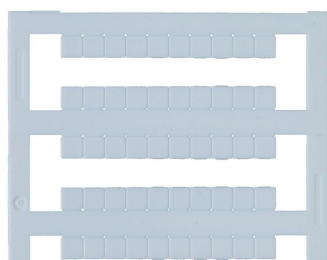
3576.5

ZRKD 2,5/SV/ZBA BU

ZRKD 2,5/SV/ZBA BU

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 |
