

Double-level terminal with electronic components, Push-in 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>3253.2</u> |
| Article name | FRKD 2,5/D2 BG |
| GTIN (EAN) | 4044211131838 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 14.2 g |
| Weight per piece (including packaging) | 15.17 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

| | |
|------------------|---------|
| Length | 75.4 mm |
| Width | 5.1 mm |
| Height TS 35/7.5 | 53 mm |

Ratings

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|-----------------------|---------------------|
| Rated voltage | 500 V |
| Rated current | 1 A |
| Rated cross-section | 2.5 mm ² |
| Rated impulse voltage | 6 kV |
| Overvoltage category | III |
| Contamination degree | 3 |

Connection data

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|--|---------------------|
| Connection principle | Push-in connection |
| Connection position | Top |
| Connections | 2 x 2 |
| Number of terminals per level | 2 |
| Wire cross-section single-core (rigid) / stranded, min. | 0.2 mm ² |
| Wire cross-section single core (rigid)/stranded, max. | 4 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 4 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |
| Wire cross-section AWG, min. | 26 |
| Wire cross-section AWG, max. | 14 |
| Stripping length | 12 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 | 2 |
| Diode | 1N4007 / 1000V / 1A |

Environmental Product Compliance

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

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|----------------------|-----|
| CSA approval granted | yes |
|----------------------|-----|

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| CSA Usegroup B: rated voltage | 300 V |
|-------------------------------|-------|

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|-------------------------------|------|
| CSA Usegroup B: rated current | 20 A |
|-------------------------------|------|

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|-------------------------------|-------|
| CSA Usegroup C: rated voltage | 300 V |
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| CSA Usegroup C: rated current | 20 A |
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| CSA Usegroup D: rated voltage | 600 V |
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|-------------------------------|-----|
| CSA Usegroup D: rated current | 5 A |
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| CSA wire cross-section AWG, min. | 26 |
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|----------------------------------|----|
| CSA wire cross-section AWG, max. | 12 |
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CSAus approval

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| CSAus approval | UL 1059 |
|----------------|---------|

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|------------------------|-----|
| CSAus approval granted | yes |
|------------------------|-----|

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

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|---------------------------------|------|
| CSAus Usegroup B: rated current | 20 A |
|---------------------------------|------|

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

| | |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 20 A |
|---------------------------------|------|

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

| | |
|---------------------------------|-----|
| CSAus Usegroup D: rated current | 5 A |
|---------------------------------|-----|

| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, min. | 26 |
|------------------------------------|----|

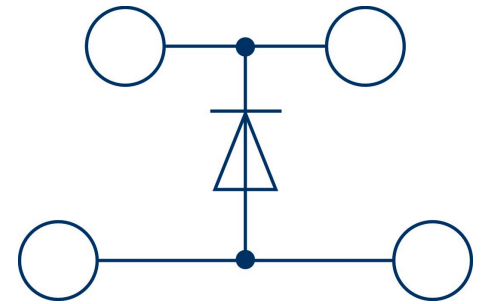
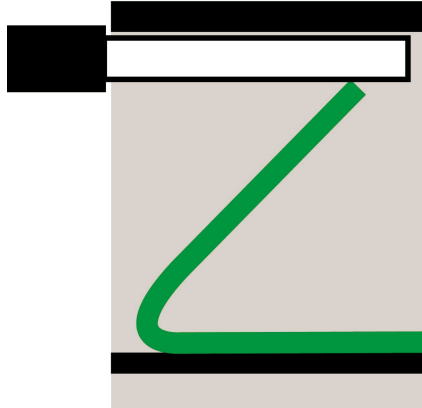
| | |
|------------------------------------|----|
| CSAus wire cross-section AWG, max. | 12 |
|------------------------------------|----|

Approvals

KEMA KEUR approval

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|---|---------------------|
| 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 current (diode) | 24 (1) A |
| KEMA rated impulse voltage | 6 kV |
| KEMA wire cross-section single core (rigid), min. | 0.2 mm ² |
| KEMA wire cross-section single-core (rigid), max. | 4 mm ² |
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
| KEMA wire cross-section stranded, max. | 4 mm ² |
| KEMA wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| KEMA wire cross-section stranded with wire-end ferrules, max. | 2.5 mm ² |

Media



Accessories

End plate



End plate, Width: 1.5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3423.2</u> | FAPD 2,5 BG | 4044211130169 | 20 |

Identification adapter



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3424.2</u> | FBA 1 BG | 4044211130176 | 50 ST |

End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 5 mm, Colour: Beige

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3811.2</u> | ZES 35/2 BG | 4044211080600 | 50 |

Insulated cross-connector



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 40.7 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3468.8</u> | FQI 2,5/8 YE | 4044211110796 | 10 |

Insulated cross-connector



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 45.8 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3469.8</u> | FQI 2,5/9 YE | 4044211110802 | 10 |



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 35.6 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3467.8</u> | FQI 2,5/7 YE | 4044211110789 | 20 |



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 20.3 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3464.8</u> | FQI 2,5/4 YE | 4044211110758 | 20 |



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 25.4 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3465.8</u> | FQI 2,5/5 YE | 4044211110765 | 20 |



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 30.5 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3466.8</u> | FQI 2,5/6 YE | 4044211110772 | 20 |



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.9 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>3460.8</u> | FQI 2,5/10 YE | 4044211110727 | 10 |

3253.2 FRKD 2,5/D2 BG

Insulated cross-connector



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 15.2 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3463.8</u> | FQI 2,5/3 YE | 4044211110741 | 50 |



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3462.8</u> | FQI 2,5/2 YE | 4044211110734 | 50 |

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 |

Screwdriver



Screwdriver with bare blade, Colour:

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3164.0</u> | SDB 0,4x2,0 | 4044211107246 | 1 ST |

Four-way cover



Cover, Length: 3.4 mm, Width: 19.8 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>3426.8</u> | FAD 2,5/4/B YE | 4044211132934 | 20 ST |