

Double-level terminal, Push-in 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                             | <u>3226.2</u>         |
| Article name                               | FRKD 2,5 BG           |
| GTIN (EAN)                                 | 4044211130053         |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 13.6 g                |
| Weight per piece (including packaging)     | 14.57 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | BG                    |
| Prio-Article                               | 3226.2                |
| Product description                        | Double-level terminal |

# Data sheet

## 3226.2 FRKD 2,5 BG

### Technical data

#### Dimensions

|                            |         |
|----------------------------|---------|
| Length                     | 75.4 mm |
| Width                      | 5.1 mm  |
| Height TS 35/7.5           | 53 mm   |
| Height TS 35 / 7.5 with BA | 66 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                                     | Push-in connection  |
| Connection position                                      | Top                 |
| Connections  | 2 x 2               |
| Number of terminals per level                            | 2                   |
| Number of levels   | 2                   |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup> |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |
| Wire cross-section AWG, min.                             | 26                  |
| Wire cross-section AWG, max.                             | 14                  |
| Stripping length   | 12 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                  | ✓                       |

#### 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 B: rated voltage | 300 V |
|-------------------------------|-------|

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

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

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

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

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

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

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

#### CSAus approval

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

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

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

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

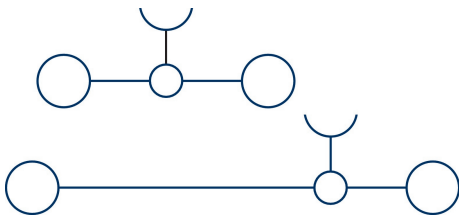
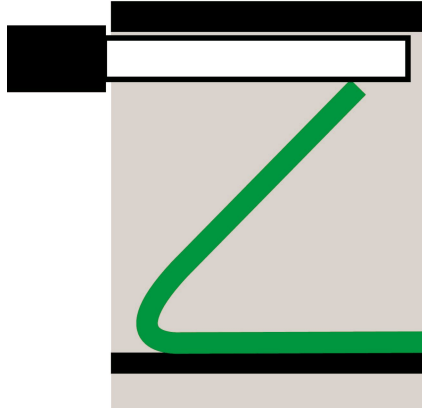
|                                    |    |
|------------------------------------|----|
| CSAus wire cross-section AWG, max. | 12 |
|------------------------------------|----|

### Approvals

#### KEMA KEUR approval

|   |                     |
|---|---------------------|
| 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 A                |
| KEMA rated impulse voltage                                    | 6 kV                |
| KEMA wire cross-section single core (rigid), min.             | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section single-core (rigid), max.             | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.                        | 4 mm <sup>2</sup>   |
| KEMA wire cross-section stranded with wire-end ferrules, min. | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup> |

### 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             |

# Data sheet

## 3226.2 FRKD 2,5 BG

### 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             |



### 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         |

### 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          |