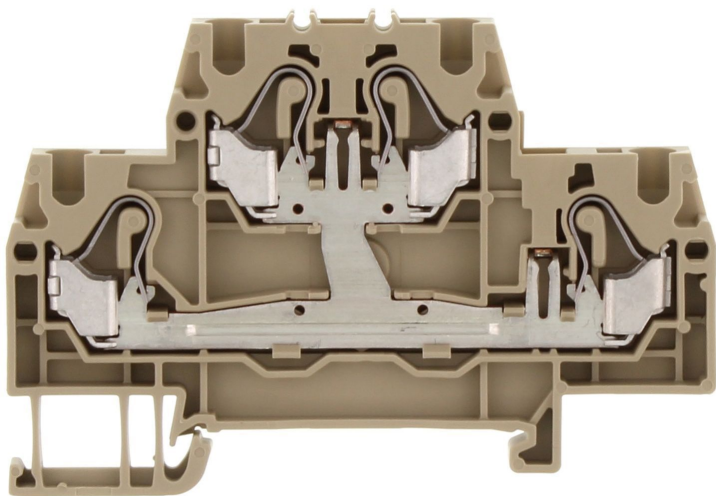


# Data sheet

## 3227.3 FRKD 2,5/SV OG



Double-level terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Orange

### Business data

|                                            |                       |
|--------------------------------------------|-----------------------|
| Article number                             | 3227.3                |
| Article name                               | FRKD 2,5/SV OG        |
| GTIN (EAN)                                 | 4044211132132         |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 14 g                  |
| Weight per piece (including packaging)     | 14.97 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | BG                    |
| Prio-Article                               | 3227.2                |
| Product description                        | Double-level terminal |

### 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                                              | 4                   |
| Number of terminals per level                            | 2                   |
| Number of levels                                         | 2                   |
| Levels internally bridged                                | ✓                   |
| 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               |

# Data sheet

## 3227.3 FRKD 2,5/SV OG



### Technical data

#### Materials

|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-0           |
| 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 | 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

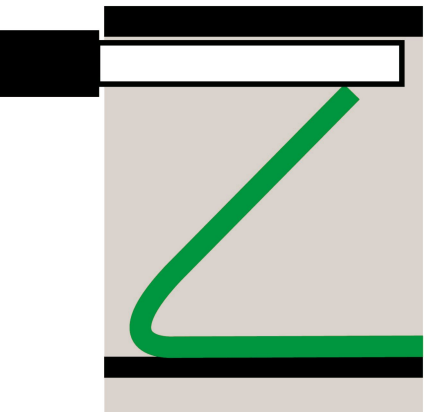
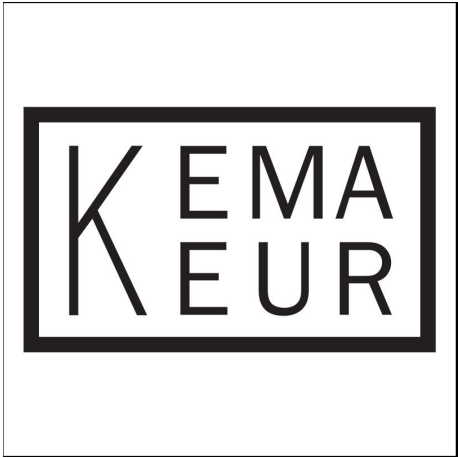
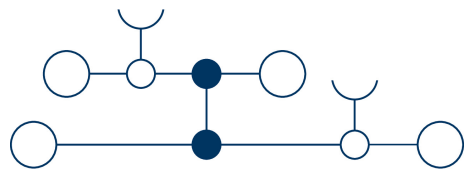
|                                    |         |
|------------------------------------|---------|
| CSAus approval                     | UL 1059 |
| CSAus approval granted             | yes     |
| CSAus Usegroup B: rated voltage    | 300 V   |
| CSAus Usegroup B: rated current    | 20 A    |
| CSAus 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 |
|----------------|--------------|---------------|----------------|
| 3423.2         | 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 |
|----------------|--------------|---------------|----------------|
| 3424.2         | 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 |
|----------------|--------------|---------------|----------------|
| 3811.2         | 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 |
|----------------|--------------|---------------|----------------|
| 3468.8         | 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             |



### 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          |