

Feed-through 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

|  |                       |
|--|-----------------------|
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 13.4 g                |
| Weight per piece (including packaging)     | 14.43 g               |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | BG                    |
| Prio-Article                               | 3212.2                |
| Product description                        | Feed-through terminal |

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Length           | 77.7 mm |
| Width            | 5.1 mm  |
| Height           | 42.3 mm |
| Height TS 35/7.5 | 43 mm   |

#### Ratings

|   |                     |
|---|---------------------|
| Rated voltage                                   | 800 V               |
| Rated current                                   | 24 A                |
| Rated cross-section                             | 2.5 mm <sup>2</sup> |
| Rated impulse voltage                           | 8 kV                |
| Overvoltage category                            | III                 |
| Contamination degree                            | 3                   |
| Maximum power dissipation for nominal condition | 0.77 W              |

#### Connection data

|  |                     |
|--|---------------------|
| Connection principle                                     | Push-in connection  |
| Connection position                                      | Top                 |
| Connections  | 4                   |
| Number of terminals per level                            | 4                   |
| Number of levels   | 1                   |
| 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.                             | 12                  |
| Stripping length   | 12 mm               |

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### Technical data

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#### Materials

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|                           |                              |
|---------------------------|------------------------------|
| Insulation housing        | Polyamide 6.6, Polyamide 6.6 |
| Flammability class UL 94  | V-0                          |
| Working temperature, min. | -40 °C                       |
| Working temperature, max. | 120 °C                       |

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#### Further technical data

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

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#### Print

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|        |       |
|--------|-------|
| Colour | Beige |
|--------|-------|

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#### Environmental Product Compliance

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|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2022-01-17 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

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### 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 C: rated voltage    | 600 V        |
| CSA Usegroup C: rated current    | 21 A         |
| CSA wire cross-section AWG, min. | 26           |
| CSA wire cross-section AWG, max. | 12           |
| CSA stripping length             | 12 mm        |

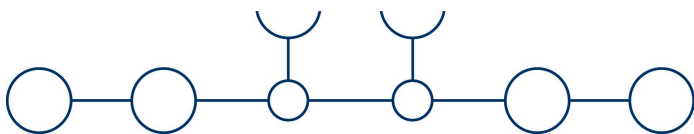
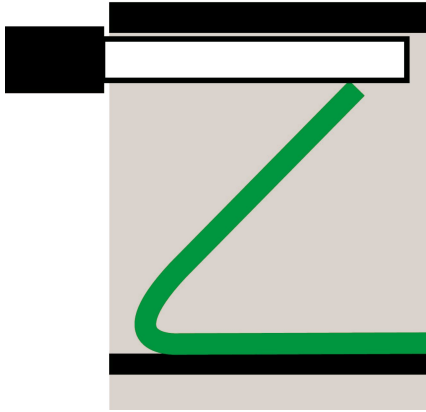
#### CSAus approval

|                                    |         |
|------------------------------------|---------|
| CSAus approval                     | UL 1059 |
| CSAus approval granted             | yes     |
| CSAus Usegroup C: rated voltage    | 600 V   |
| CSAus Usegroup C: rated current    | 21 A    |
| CSAus wire cross-section AWG, min. | 26      |
| CSAus wire cross-section AWG, max. | 12      |
| CSAus stripping length             | 12 mm   |

#### KEMA KEUR approval

|   |                     |
|---|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1:2009   |
| KEMA KEUR approval granted                        | yes                 |
| KEMA rated voltage                                | 800 V               |
| KEMA rated current                                | 24 A                |
| KEMA rated impulse voltage                        | 8 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>   |

### Media



3212.2

FRK 2,5/4A BG

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## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

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### General order data

| Product number: | Article name  | GTIN (EAN)    | Packaging unit |
|-----------------|---------------|---------------|----------------|
| 3412.2          | FAP 2,5/4A BG | 4044211110468 | 20             |

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### End stop

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

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### General order data

| Product number: | Article name | GTIN (EAN)    | Packaging unit |
|-----------------|--------------|---------------|----------------|
| 3811.2          | ZES 35/2 BG  | 4044211080600 | 50             |

3212.2

FRK 2,5/4A BG

## Accessories

### Insulated cross-connector



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

#### General order data

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



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

#### General order data

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



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

#### General order data

| Product number: | Article name | Creation date 12.03.2022 05:19:38<br>Subject to technical changes | GTIN (EAN)    | Packaging unit |
|-----------------|--------------|---|---------------|----------------|
| 3467.8          | FQI 2,5/7 YE |   | 4044211110789 | 20             |

3212.2

FRK 2,5/4A BG

## Accessories

### Insulated cross-connector



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

#### General order data

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



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

#### General order data

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



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

#### General order data

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

Creation date 12.03.2022 05:19:38  
Subject to technical changes



3212.2

FRK 2,5/4A BG

## Accessories

### Insulated cross-connector



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

#### General order data

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



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

#### General order data

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



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

#### General order data

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

Creation date 12.03.2022 05:19:38  
Subject to technical changes

3212.2

FRK 2,5/4A BG

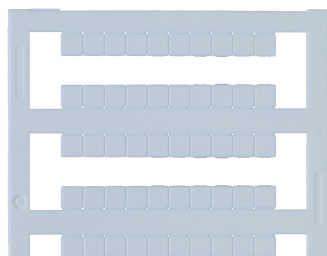
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## Accessories

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### Quick marking

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Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White

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#### General order data

| Product number: | Article name   | GTIN (EAN)    | Packaging unit |
|-----------------|----------------|---------------|----------------|
| 4600.7          | PMC SB 5/50 WH | 4044211088903 | 500 ST         |

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### Four-way cover

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

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#### General order data

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

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