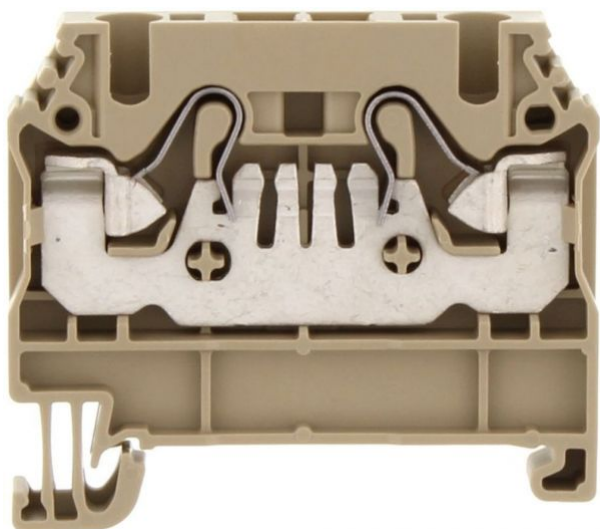


3220.2

FRK 4/2A BG

FRK 4/2A BG



Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm<sup>2</sup>, Width: 6.1 mm, Colour: Beige

## Business data

|                                            |                       |
|--------------------------------------------|-----------------------|
| Product description                        | Feed-through terminal |
| Packaging unit                             | 100                   |
| Quantity unit                              | PC                    |
| Weight per piece (not including packaging) | 10                    |
| Weight per piece (including packaging)     | 10.74                 |
| Unit of weight                             | G                     |
| Customs number                             | 85369010              |
| Country of origin                          | DE                    |

**3220.2**

**FRK 4/2A BG**

**FRK 4/2A BG**

## Technical Data

---

### Dimensions

---

|        |         |
|--------|---------|
| Length | 48.5 mm |
|--------|---------|

|       |        |
|-------|--------|
| Width | 6.1 mm |
|-------|--------|

|        |         |
|--------|---------|
| Height | 42.3 mm |
|--------|---------|

|                  |       |
|------------------|-------|
| Height TS 35/7.5 | 43 mm |
|------------------|-------|

### Ratings

---

|               |       |
|---------------|-------|
| Rated voltage | 800 V |
|---------------|-------|

|               |      |
|---------------|------|
| Rated current | 32 A |
|---------------|------|

|                     |                   |
|---------------------|-------------------|
| Rated cross-section | 4 mm <sup>2</sup> |
|---------------------|-------------------|

|                       |      |
|-----------------------|------|
| Rated impulse voltage | 8 kV |
|-----------------------|------|

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
|----------------------|-----|

|                      |   |
|----------------------|---|
| Contamination degree | 3 |
|----------------------|---|

**3220.2**

**FRK 4/2A BG**

**FRK 4/2A BG**

## Technical Data

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### Connection data

---

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Connection principle                                     | Push-in connection  |
| Connection position                                      | Top                 |
| Connections                                              | 2                   |
| Number of terminals per level                            | 2                   |
| 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.    | 6 mm <sup>2</sup>   |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup> |
| Wire cross-section stranded, max.                        | 6 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. | 4 mm <sup>2</sup>   |
| Wire cross-section AWG, min.                             | 20                  |
| Wire cross-section AWG, max.                             | 10                  |
| Stripping length                                         | 12 mm               |

### Materials

---

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

**3220.2**

**FRK 4/2A BG**

**FRK 4/2A BG**

## Technical Data

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### Materials

---

|                           |        |
|---------------------------|--------|
| Working temperature, max. | 120 °C |
|---------------------------|--------|

---

### Further technical data

---

|               |                         |
|---------------|-------------------------|
| Mounting type | Mounting rail TS 35/7,5 |
|---------------|-------------------------|

---

|                                |    |
|--------------------------------|----|
| Gauge plug acc. to EN 60 947-1 | A4 |
|--------------------------------|----|

---

|                                     |   |
|-------------------------------------|---|
| Number of cross-connection channels | 2 |
|-------------------------------------|---|

---

|                    |   |
|--------------------|---|
| End plate required | ✓ |
|--------------------|---|

---

**3220.2**

**FRK 4/2A BG**

**FRK 4/2A BG**

## Approvals

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### 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 | 600 V |
|-------------------------------|-------|

|                               |      |
|-------------------------------|------|
| CSA Usegroup C: rated current | 35 A |
|-------------------------------|------|

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

|                                  |    |
|----------------------------------|----|
| CSA wire cross-section AWG, max. | 10 |
|----------------------------------|----|

|                      |       |
|----------------------|-------|
| CSA stripping length | 12 mm |
|----------------------|-------|

### CSAus approval

---

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

|                        |   |
|------------------------|---|
| CSAus approval granted | ✓ |
|------------------------|---|

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

|                                 |      |
|---------------------------------|------|
| CSAus Usegroup C: rated current | 35 A |
|---------------------------------|------|

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

**3220.2**

**FRK 4/2A BG**

**FRK 4/2A BG**

## Approvals

---

### CSAus approval

---

|                                    |       |
|------------------------------------|-------|
| CSAus wire cross-section AWG, max. | 10    |
| CSAus stripping length             | 12 mm |

### KEMA KEUR approval

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|                                                   |                     |
|---------------------------------------------------|---------------------|
| KEMA KEUR approval                                | EN 60947-7-1        |
| KEMA KEUR approval granted                        | ✓                   |
| KEMA rated voltage                                | 800 V               |
| KEMA rated current                                | 32 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. | 6 mm <sup>2</sup>   |
| KEMA wire cross-section stranded, min.            | 0.2 mm <sup>2</sup> |
| KEMA wire cross-section stranded, max.            | 6 mm <sup>2</sup>   |

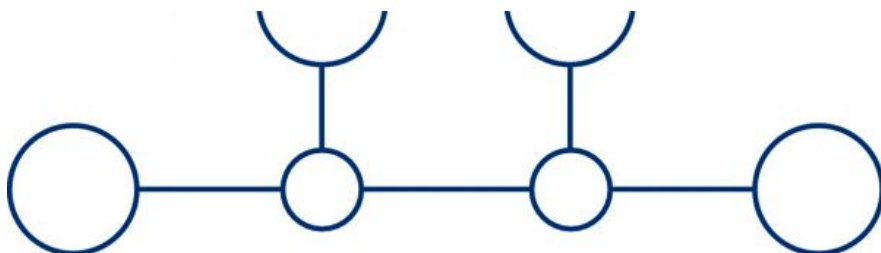
3220.2

FRK 4/2A BG

FRK 4/2A BG

## Media

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EAC



3220.2

FRK 4/2A BG

FRK 4/2A BG

## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3400.2       | FAP 1,5-4/2A        | 4044211110208 | 20 PC          |

---

### End bracket

---



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

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3811.2       | ZES 35/2            | 4044211080600 | 50 PC          |

---



3220.2

FRK 4/2A BG

FRK 4/2A BG

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 60.9 mm, Colour: Yellow

#### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3470.8       | FQI 4/10            | 4044211110819 | 10 PC          |

---



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 12.1 mm, Colour: Yellow

#### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3472.8       | FQI 4/2             | 4044211110826 | 50 PC          |

---

3220.2

FRK 4/2A BG

FRK 4/2A BG

## Accessories

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### Insulated cross connector

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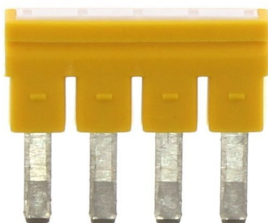


Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 18.2 mm, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3473.8       | FQI 4/3             | 4044211110833 | 50 PC          |

---



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 24.3 mm, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3474.8       | FQI 4/4             | 4044211110840 | 20 PC          |

---

3220.2

FRK 4/2A BG

FRK 4/2A BG

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 30.1 mm, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3475.8       | FQI 4/5             | 4044211110857 | 20 PC          |

---



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 36.5 mm, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3476.8       | FQI 4/6             | 4044211110864 | 20 PC          |

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3220.2

FRK 4/2A BG

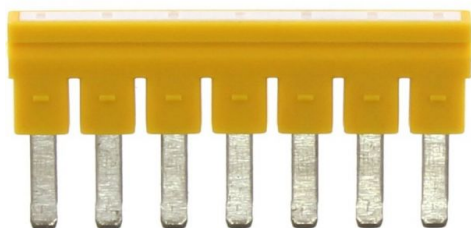
FRK 4/2A BG

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 42.6 mm, Colour: Yellow

---

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3477.8       | FQI 4/7             | 4044211110871 | 20 PC          |

---



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 48.7 mm, Colour: Yellow

---

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3478.8       | FQI 4/8             | 4044211110888 | 10 PC          |

---

3220.2

FRK 4/2A BG

FRK 4/2A BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 54.8 mm, Colour: Yellow

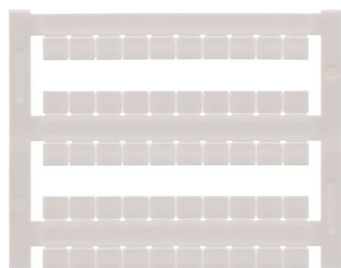
### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3479.8       | FQI 4/9             | 4044211110895 | 10 PC          |

---

### Quick-marking

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Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 4702.7       | PMC SB 6/50 WH      | 4044211089986 | 500 PC         |

---

**3220.2**

**FRK 4/2A BG**

**FRK 4/2A BG**

## Accessories

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### Screw driver

---



Screwdriver with bare blade, Colour: Black-grey

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 1086.0       | SDB 0,6x3,5         | 4044211014797 | 1 PC           |

### Fourfold-cover

---



Cover, Length: 3.8 mm, Width: 23.6 mm, Colour: Yellow

### In general

| Order number | Article designation | GTIN (EAN)    | Packaging unit |
|--------------|---------------------|---------------|----------------|
| 3427.8       | FAD 4/4/B           | 4044211132941 | 20 PC          |