



Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Green

Business data

| | |
|--------------------------------------------|-----------------------|
| Article number | 3220.1 |
| Article name | FRK 4/2A GN |
| GTIN (EAN) | 4044211109950 |
| Packaging unit | 100 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 10 g |
| Weight per piece (including packaging) | 10.74 g |
| Unit of weight | G |
| Customs number | 85369010 |
| Country of origin | BG |
| Prio-Article | 3220.2 |
| Product description | Feed-through terminal |

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 ² |
| Rated impulse voltage | 8 kV |
| Overvoltage category | III |
| Contamination degree | 3 |
| Maximum power dissipation for nominal condition | 1.02 W |

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 ² |
| Wire cross-section single core (rigid)/stranded, max. | 6 mm ² |
| Wire cross-section stranded, min. | 0.2 mm ² |
| Wire cross-section stranded, max. | 6 mm ² |
| Wire cross-section stranded with wire-end ferrules, min. | 0.2 mm ² |
| Wire cross-section stranded with wire-end ferrules, max. | 4 mm ² |
| 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 |
| 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 | A4 |
| Number of cross-connection channels | 2 |
| End plate required | ✓ |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2022-06-10 |
| 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 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 | yes |
|------------------------|-----|

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

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

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

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

| | |
|------------------------|-------|
| 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 | 32 A |
|--------------------|------|

| | |
|----------------------------|------|
| KEMA rated impulse voltage | 8 kV |
|----------------------------|------|

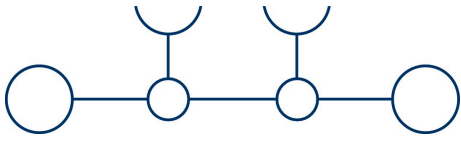
| | |
|---------------------------------------------------|---------------------|
| KEMA wire cross-section single core (rigid), min. | 0.2 mm ² |
|---------------------------------------------------|---------------------|

| | |
|---------------------------------------------------|-------------------|
| KEMA wire cross-section single-core (rigid), max. | 6 mm ² |
|---------------------------------------------------|-------------------|

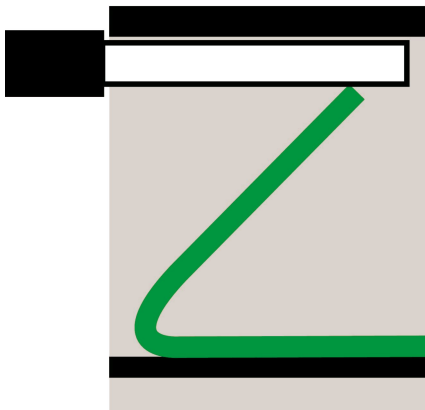
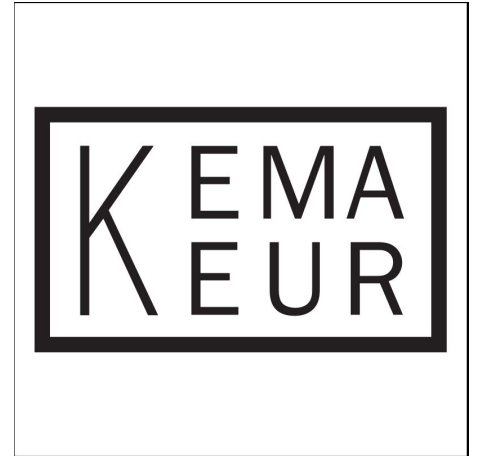
| | |
|----------------------------------------|---------------------|
| KEMA wire cross-section stranded, min. | 0.2 mm ² |
|----------------------------------------|---------------------|

| | |
|----------------------------------------|-------------------|
| KEMA wire cross-section stranded, max. | 6 mm ² |
|----------------------------------------|-------------------|

Media

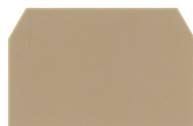


EAC



Accessories

End plate



End plate, Width: 1.5 mm, Colour: Beige

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

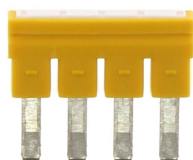
End stop



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: 4, Mounting type: Plug in, Width: 24.3 mm, Colour: Yellow

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3474.8 | FQI 4/4 YE | 4044211110840 | 20 |



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3475.8 | FQI 4/5 YE | 4044211110857 | 20 |



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3476.8 | FQI 4/6 YE | 4044211110864 | 20 |

Data sheet

3220.1 FRK 4/2A GN

Insulated cross-connector



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3470.8 | FQI 4/10 YE | 4044211110819 | 10 |



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3473.8 | FQI 4/3 YE | 4044211110833 | 50 |



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3472.8 | FQI 4/2 YE | 4044211110826 | 50 |



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3477.8 | FQI 4/7 YE | 4044211110871 | 20 |



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

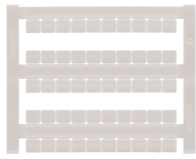
| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3479.8 | FQI 4/9 YE | 4044211110895 | 10 |



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|------------------------|--------------|---------------|----------------|
| 3478.8 | FQI 4/8 YE | 4044211110888 | 10 |

Quick marking



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

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>4702.7</u> | PMC SB 6/50 WH | 4044211089986 | 500 ST |

Four-way cover

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



| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>3427.8</u> | FAD 4/4/B YE | 4044211132941 | 20 ST |