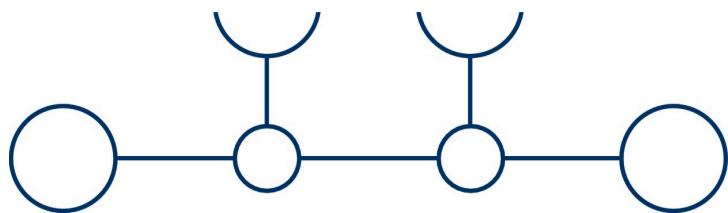


# Data sheet

## 3220.1 FRK 4/2A GN



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 <sup>2</sup>
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 <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
Working temperature, max.	120 °C

# Data sheet

## 3220.1 FRK 4/2A GN



### 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, 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 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

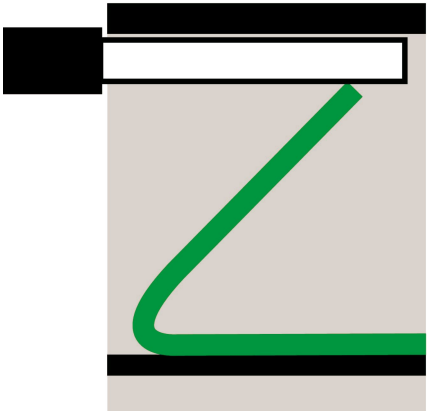
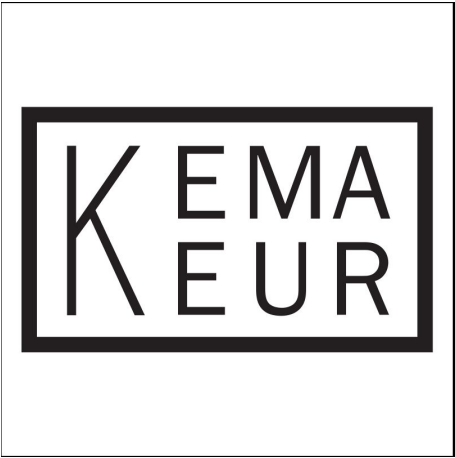
#### CSAus approval

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 <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>

Media



## Accessories

### End plate



End plate, Width: 1.5 mm, Colour: Beige

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

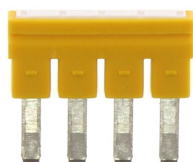
### End stop



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
<u>3811.2</u>	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
<u>3474.8</u>	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
<u>3475.8</u>	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
<u>3476.8</u>	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
<u>3470.8</u>	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
<u>3473.8</u>	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
<u>3472.8</u>	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
<u>3477.8</u>	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
<u>3479.8</u>	FQI 4/9 YE	4044211110895	10



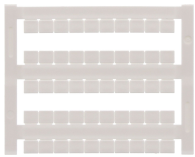
Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 48.7 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3478.8</u>	FQI 4/8 YE	4044211110888	10

# Data sheet

## 3220.1 FRK 4/2A GN

### 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