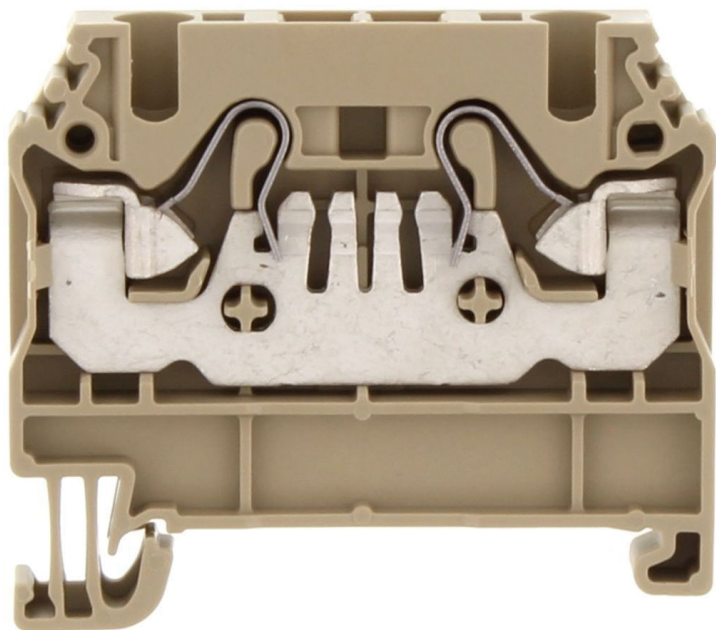


Data sheet

3220.2 FRK 4/2A BG



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

Business data

Article number	3220.2
Article name	FRK 4/2A BG
GTIN (EAN)	4044211109929
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

Data sheet

3220.2 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 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, Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Technical data

Further technical data

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
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	✓
Maximum power dissipation for nominal condition	1.02 W

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-01-07, 2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	yes
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CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	yes
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	35 A
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CSA wire cross-section AWG, min.	26
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CSA wire cross-section AWG, max.	10
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CSA stripping length	12 mm
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CSAus approval

CSAus approval	UL 1059
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CSAus approval granted	yes
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CSAus Usegroup C: rated voltage	600 V
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CSAus Usegroup C: rated current	35 A
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CSAus wire cross-section AWG, min.	26
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CSAus wire cross-section AWG, max.	10
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CSAus stripping length	12 mm
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KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
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KEMA KEUR approval granted	yes
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KEMA rated voltage	800 V
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KEMA rated current	32 A
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KEMA rated impulse voltage	8 kV
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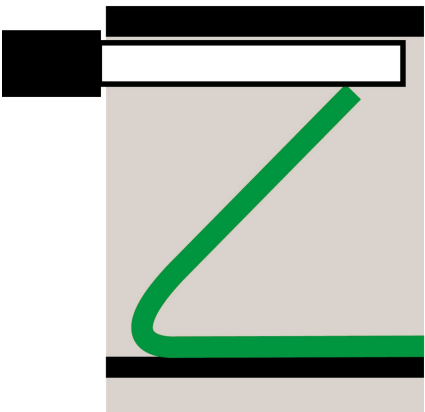
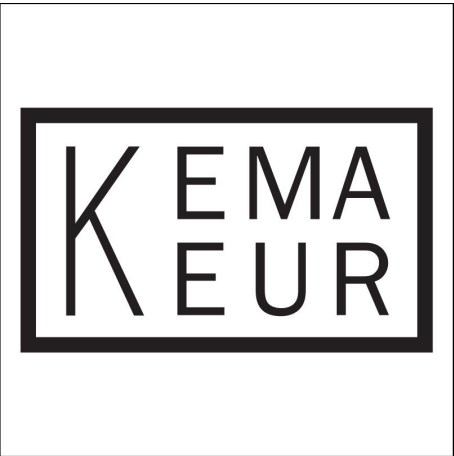
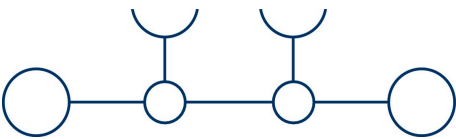
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
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KEMA wire cross-section single-core (rigid), max.	6 mm ²
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KEMA wire cross-section stranded, min.	0.2 mm ²
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KEMA wire cross-section stranded, max.	6 mm ²
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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

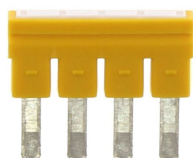
End stop



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

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

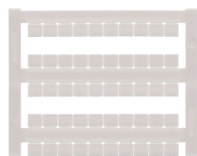
Article number	Article name	GTIN (EAN)	Packaging unit
<u>3479.8</u>	FQI 4/9 YE	4044211110895	10



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

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