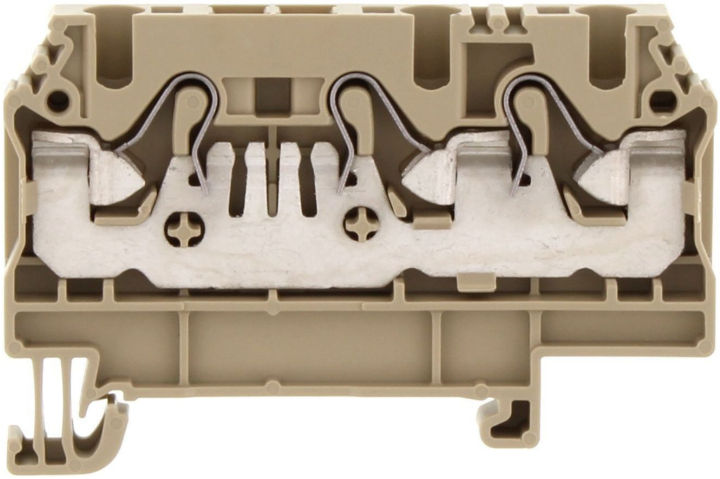
Data sheet

3221.2 FRK 4/3A 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	3221.2
Article name	FRK 4/3A BG
GTIN (EAN)	4044211109981
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	13.4 g
Weight per piece (including packaging)	14.17 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Prio-Article	3221.2
Product description	Feed-through terminal

Data sheet

3221.2 FRK 4/3A BG

Technical data

Dimensions

Length	64.3 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 mm²
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	3
Number of terminals per level	3
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm²
Wire cross-section single core (rigid)/stranded, max.	6 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	6 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	4 mm²
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

3221.2 FRK 4/3A BG

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	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Data sheet

3221.2 FRK 4/3A BG

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 mm²
KEMA wire cross-section single-core (rigid), max.	6 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	6 mm²

Media

Accessories

End plate

End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
3421.2	FAP 4/3A BG	4044211110529	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

3221.2 FRK 4/3A BG

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

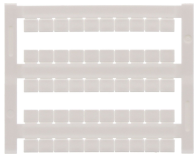
Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 48.7 mm, Colour: Yellow

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

Data sheet

3221.2 FRK 4/3A BG

Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	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
3427.8	FAD 4/4/B YE	4044211132941	20 ST