

# Data sheet

## 3276.2 FRKI 2,5-4 BG



Feed-through installation terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 5.1 mm, Colour: Beige

### Business data

Article number	3276.2
Article name	FRKI 2,5-4 BG
GTIN (EAN)	4044211139001
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	8 g
Weight per piece (including packaging)	8.25 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Prio-Article	3276.2
Product description	Feed-through installation terminal

### Technical data

#### Dimensions

Length	52.5 mm
Width	5.1 mm
Height	37.5 mm
Height TS 35/7.5	38.5 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.	0.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded, min.	0.6 mm <sup>2</sup>
Wire cross-section stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.5 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

## 3276.2 FRKI 2,5-4 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 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	28 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	28 A
CSAus wire cross-section AWG, min.	26
CSAus wire cross-section AWG, max.	10
CSAus stripping length	12 mm

#### cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	600 V
cUL Usegroup B: rated current	28 A
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	28 A
cUL Usegroup D: rated voltage	600 V
cUL Usegroup D: rated current	28 A
cUL wire cross-section single-core (rigid) AWG, min.	26
cUL wire cross-section single-core (rigid) AWG, max.	10
cUL wire cross-section stranded AWG, min.	26
cUL wire cross-section stranded AWG, max.	10
cUL wire material	Cu
cUL Recognized	1

### Approvals

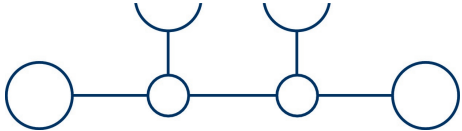
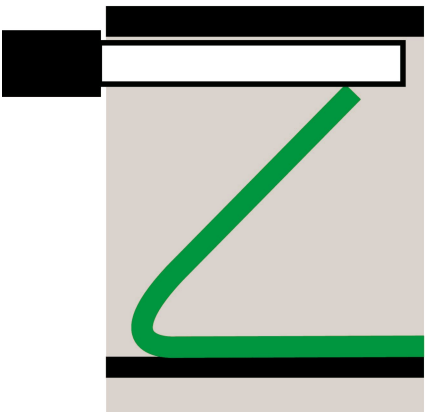
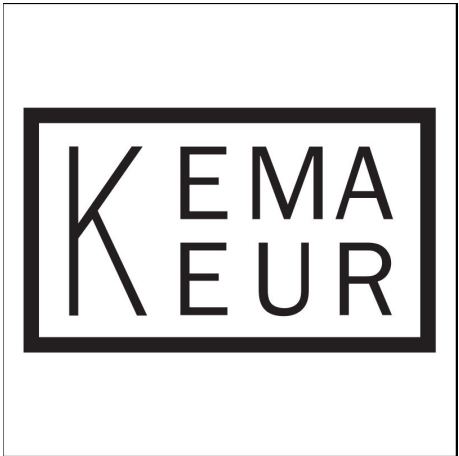
#### KEMA KEUR approval

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.	0.08 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	6 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.08 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	6 mm <sup>2</sup>

#### UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	28 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	28 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	28 A
UL wire cross-section single-core (rigid) AWG, min.	26
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	10
UL wire cross-section stranded AWG, max.	26
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Media



### Accessories

#### End plate



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3484.2</u>	FAP I 2,5-4/2A BG	4044211176402	20

#### Wire-end ferrule for compact connection spaces



Wire-end ferrules, Max. wire cross-section: 4 mm<sup>2</sup>, Length: 20 mm, Length of copper pipe: 12 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3194.0</u>	H 4,0/20-D SR GR	4044211134280	500 ST

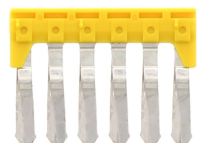
#### End stop



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

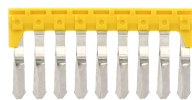
#### Insulated cross-connector



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 30 mm, Colour: Yellow

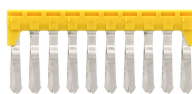
Article number	Article name	GTIN (EAN)	Packaging unit
<u>17406.8</u>	FIQ I 2,5-4/6 YE	4044211175993	20 ST

### Insulated cross-connector



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 45.3 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17409.8</u>	FIQI 2,5-4/9 YE	4044211176020	10 ST



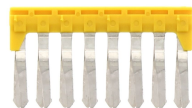
Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17400.8</u>	FIQI 2,5-4/10 YE	4044211175948	10 ST



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.7 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17403.8</u>	FIQI 2,5-4/3 YE	4044211175962	50 ST



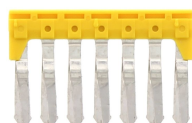
Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 40.2 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17408.8</u>	FIQI 2,5-4/8 YE	4044211176013	10 ST



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.6 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17402.8</u>	FIQI 2,5-4/2 YE	4044211175955	50 ST



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 35.1 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17407.8</u>	FIQI 2,5-4/7 YE	4044211176006	20 ST

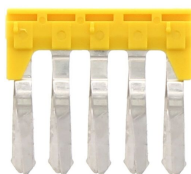


### Insulated cross-connector



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17404.8</u>	FIQI 2,5-4/4 YE	4044211175979	20 ST



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.9 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>17405.8</u>	FIQI 2,5-4/5 YE	4044211175986	20 ST

### Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>4600.7</u>	PMC SB 5/50 WH	4044211088903	500 ST

### Four-way cover



Cover, Length: 3.4 mm, Width: 19.8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3426.8</u>	FAD 2,5/4/B YE	4044211132934	20 ST

### Test adapters

Test adapter, Pitch size: 5.1 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3428.2</u>	FTA 2,5-4/1 BG	4044211190231	10 ST