

Double-level terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Beige

### Business data

Article number	<u>3227.2</u>
Article name	FRKD 2,5/SV BG
GTIN (EAN)	4044211130060
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	14 g
Weight per piece (including packaging)	14.97 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Prio-Article	3227.2
Product description	Double-level terminal

### Technical data

#### Dimensions

Length	75.4 mm
Width	5.1 mm
Height TS 35/7.5	53 mm
Height TS 35 / 7.5 with BA	66 mm

#### Ratings

Rated voltage	500 V
Rated current	24 A
Rated cross-section	2.5 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.54 W

#### Connection data

Connection principle	Push-in connection
Connection position	Top
Connections	4
Number of terminals per level	2
Number of levels	2
Levels internally bridged	✓
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.	4 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.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	26
Wire cross-section AWG, max.	14
Stripping length	12 mm

### 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	A3
Number of cross-connection channels	2
End plate required	✓
Maximum power dissipation for nominal condition	1.54 W

#### 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

#### 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 B: rated voltage	300 V
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CSA Usegroup B: rated current	20 A
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CSA Usegroup C: rated voltage	300 V
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CSA Usegroup C: rated current	20 A
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CSA Usegroup D: rated voltage	600 V
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CSA Usegroup D: rated current	5 A
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CSA wire cross-section AWG, min.	26
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CSA wire cross-section AWG, max.	12
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#### CSAus approval

CSAus approval	UL 1059
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CSAus approval granted	yes
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CSAus Usegroup B: rated voltage	300 V
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CSAus Usegroup B: rated current	20 A
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CSAus Usegroup C: rated voltage	300 V
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CSAus Usegroup C: rated current	20 A
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CSAus Usegroup D: rated voltage	600 V
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CSAus Usegroup D: rated current	5 A
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CSAus wire cross-section AWG, min.	26
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CSAus wire cross-section AWG, max.	12
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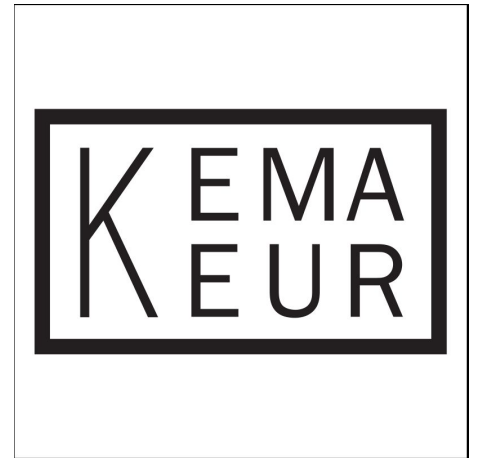
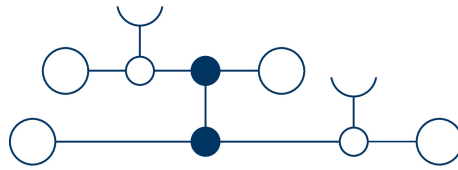
### Approvals

#### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	500 V
KEMA rated current	24 A
KEMA rated current (diode)	24 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.2 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
KEMA wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>

### Media

EAC



### Accessories

#### End plate



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3423.2</u>	FAPD 2,5 BG	4044211130169	20

#### Identification adapter



Label holder, Pitch size: 5.1 mm, Colour: beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3424.2</u>	FBA 1 BG	4044211130176	50 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: 8, Mounting type: Plug in, Width: 40.7 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3468.8</u>	FQI 2,5/8 YE	4044211110796	10



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 45.8 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3469.8</u>	FQI 2,5/9 YE	4044211110802	10

## 3227.2 FRKD 2,5/SV BG

### Insulated cross-connector



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 35.6 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3467.8</u>	FQI 2,5/7 YE	4044211110789	20



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 20.3 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3464.8</u>	FQI 2,5/4 YE	4044211110758	20



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 25.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3465.8</u>	FQI 2,5/5 YE	4044211110765	20



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 30.5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3466.8</u>	FQI 2,5/6 YE	4044211110772	20



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.9 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3460.8</u>	FQI 2,5/10 YE	4044211110727	10



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 15.2 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3463.8</u>	FQI 2,5/3 YE	4044211110741	50



## 3227.2 FRKD 2,5/SV BG

### Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3462.8</u>	FQI 2,5/2 YE	4044211110734	50

### 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

### Screwdriver



Screwdriver with bare blade, Colour:

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3164.0</u>	SDB 0,4x2,0	4044211107246	1 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