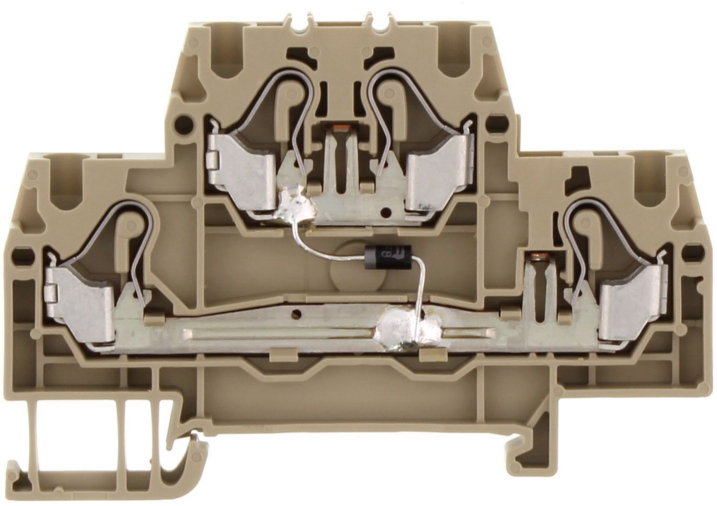
Data sheet

3253.2 FRKD 2,5/D2 BG



Double-level terminal with electronic components, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Beige

Business data

Article number	3253.2
Article name	FRKD 2,5/D2 BG
GTIN (EAN)	4044211131838
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	14.2 g
Weight per piece (including packaging)	15.17 g
Unit of weight	G
Customs number	85369010
Country of origin	BG
Product description	Double-level terminals with electronic components
Colour	Beige

Data sheet

3253.2 FRKD 2,5/D2 BG

Technical data

Dimensions	
Length	75.4 mm
Width	5.1 mm
Height TS 35/7.5	53 mm
Ratings	
Rated voltage	500 V
Rated current	1 A
Rated cross-section	2.5 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Connection data	
Connection principle	Push-in connection
Connection position	Top
Connections	2 x 2
Number of terminals per level	2
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm²
Wire cross-section AWG, min.	26
Wire cross-section AWG, max.	14
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

3253.2 FRKD 2,5/D2 BG

Technical data

Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	2
Diode	1N4007 / 1000V / 1A

Environmental Product Compliance

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

CSAus approval

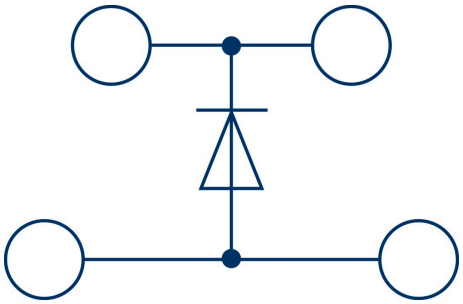
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup B: rated voltage	300 V
CSAus Usegroup B: rated current	20 A
CSAus Usegroup C: rated voltage	300 V
CSAus Usegroup C: rated current	20 A
CSAus Usegroup D: rated voltage	600 V
CSAus Usegroup D: rated current	5 A
CSAus wire cross-section AWG,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

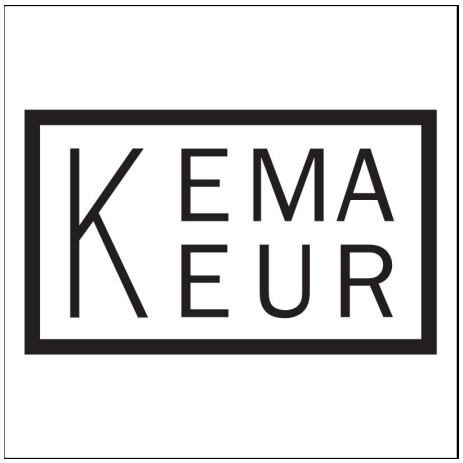
Approvals

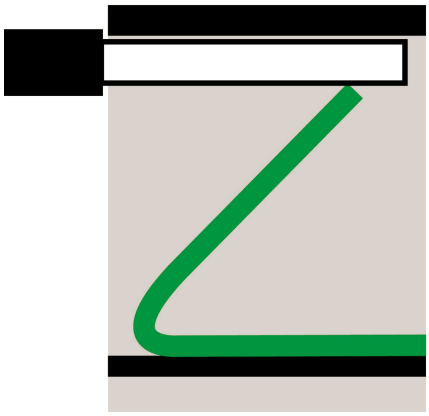
KEMA KEUR approval

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 (1) A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm²
KEMA wire cross-section stranded, min.	0.2 mm²
KEMA wire cross-section stranded, max.	4 mm²
KEMA wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
KEMA wire cross-section stranded with wire-end ferrules, max.	2.5 mm²

Media







Accessories

End plate

End plate, Width: 1.5 mm, Colour: Beige

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

Identification adapter

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

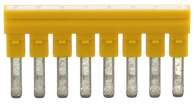
Article number	Article name	GTIN (EAN)	Packaging unit
3424.2	FBA 1 BG	4044211130176	50 ST

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
3811.2	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
3468.8	FQI 2,5/8 YE	4044211110796	10

Data sheet

3253.2 FRKD 2,5/D2 BG

Insulated cross-connector

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

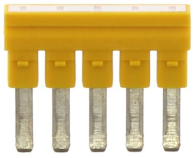
Article number	Article name	GTIN (EAN)	Packaging unit
3469.8	FQI 2,5/9 YE	4044211110802	10

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
3467.8	FQI 2,5/7 YE	4044211110789	20

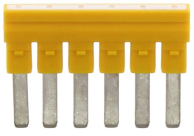
Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 20.3 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3464.8	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
3465.8	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
3466.8	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
3460.8	FQI 2,5/10 YE	4044211110727	10

Data sheet

3253.2 FRKD 2,5/D2 BG

Insulated cross-connector

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
3463.8	FQI 2,5/3 YE	4044211110741	50

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
3462.8	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
4600.7	PMC SB 5/50 WH	4044211088903	500 ST

Screwdriver

Screwdriver with bare blade, Colour:

Article number	Article name	GTIN (EAN)	Packaging unit
3164.0	SDB 0,4x2,0	4044211107246	1 ST