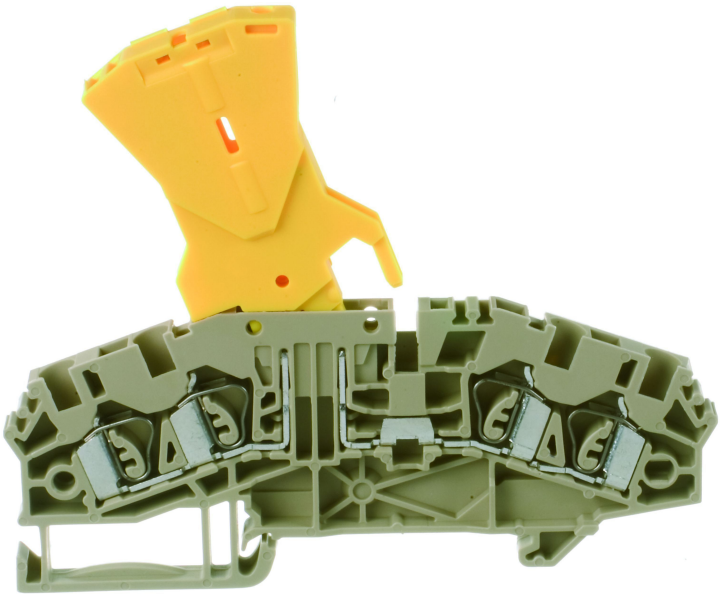
Data sheet

3628.2 ZTRK 2,5/4A/ZS 70 BG



Fuse-disconnect terminal, Tension-spring 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	3628.2
Article name	ZTRK 2,5/4A/ZS 70 BG
GTIN (EAN)	4044211059927
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	20 g
Weight per piece (including packaging)	21 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Fuse-disconnect terminal

Data sheet

3628.2 ZTRK 2,5/4A/ZS 70 BG

Technical data

Dimensions

Length	92.4 mm
Width	5.1 mm
Height TS 35/7.5	78.7 mm

Ratings

Rated voltage (determined by the illuminated display and fuse being used)	70 V
Rated current (as fuse-disconnect terminal)	18 A
Rated cross-section	2.5 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Tension-spring connection
Connection position	Diagonal
Connections	4
Number of terminals per level	4
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.5 mm²
Wire cross-section stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm²
Wire cross-section AWG, min.	12
Wire cross-section AWG, max.	20
Stripping length	10 mm

Data sheet

3628.2 ZTRK 2,5/4A/ZS 70 BG

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
Fuse size	5 x 20 mm
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	2
Voltage illuminated display	35-70 V
Cross-current via illuminated display	5 mA
Power loss in singular arrangement - overload and short-circuit protection, max.	2,5 / 6,3 W / A
Power loss in compound arrangement - overload and short-circuit protection, max.	1,6 / 6,3 W / A
Power loss in singular arrangement - only short-circuit protection, max.	4 / 6,3 W / A
Power loss in compound arrangement - only short-circuit protection, max.	2,5 / 6,3 W / A
Version of fuse holder	Pluggable
Type of display element (defect display)	LED
Version of fuse cartridge	G fuse 5 x 20
Supply voltage (defect display), min.	35
Supply voltage (defect display), max.	70
Type of voltage (defect display)	AC/DC

Print

Colour	Beige

Environmental Product Compliance

REACH Conform	yes
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup B: rated voltage	300 V
CSA Usegroup B: rated current	10 A
CSA Usegroup C: rated voltage	300 V
CSA Usegroup C: rated current	10 A
CSA wire cross-section AWG, min.	20
CSA wire cross-section AWG, max.	12
CSA stripping length	10 mm

CSAus approval

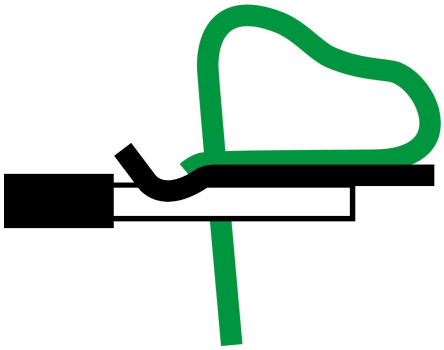
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup B: rated voltage	300 V
CSAus Usegroup B: rated current	10 A
CSAus Usegroup C: rated voltage	300 V
CSAus Usegroup C: rated current	10 A
CSAus wire cross-section AWG, min.	20
CSAus wire cross-section AWG, max.	12
CSAus stripping length	10 mm

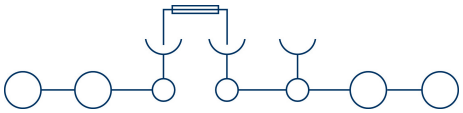
Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009, EN 60947-7-3:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	70 V
KEMA rated current	6,3 A
KEMA rated impulse voltage (fuse holder withoutelectrical components)	6 (4) kV
KEMA wire cross-section single core (rigid), min.	0.5 mm²
KEMA wire cross-section single-core (rigid), max.	4 mm²
KEMA wire cross-section stranded, min.	0.5 mm²
KEMA wire cross-section stranded, max.	4 mm²
KEMA power loss in singular arrangement - overloadand short-circuit protection, max.	2,5 / 6,3 W / A
KEMA power loss in compound arrangement -overload and short-circuit protection, max.	1,6 / 6,3 W / A
KEMA power loss in singular arrangement - only short-circuit protection, max.	4 / 6,3 W / A
KEMA power loss in compound arrangement - only short-circuit protection, max.	2,5 / 6,3 W / A

Media





Accessories

End plate

End plate, Width: 1.5 mm, Colour: Beige

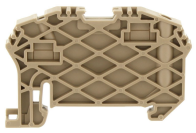
Article number	Article name	GTIN (EAN)	Packaging unit
3798.2	ZAPT 2,5/4A BG	4044211061326	20

Actuating tool

Actuating tool, No. of poles: 1, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
3808.0	BWMA 1 (0,5 x 3,5 mm)	4044211078850	1 ST

End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
3748.2	ZES 35 BG	4044211060572	50

Test adapter

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

Article number	Article name	GTIN (EAN)	Packaging unit
3740.2	ZTA 2,5 BG	4044211060497	10 ST

Insulated cross-connector

Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm,Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3715.8	ZQI 2,5/7 YE	4044211060336	20

Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3710.8	ZQI 2,5/2 YE	4044211060282	50

Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3718.8	ZQI 2,5/10 YE	4044211060367	10

Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3711.8	ZQI 2,5/3 YE	4044211060299	50

Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3713.8	ZQI 2,5/5 YE	4044211060312	20

Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 39.7 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3716.8	ZQI 2,5/8 YE	4044211060343	10

Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3712.8	ZQI 2,5/4 YE	4044211060305	20

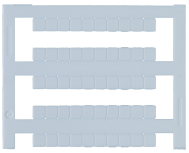
Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 29.5 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3714.8	ZQI 2,5/6 YE	4044211060329	20

Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm², Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3719.8	ZQI 2,5/0,5 m/99 Pole YE	4044211060374	2

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

Four-way cover

Cover, Length: 6.7 mm, Width: 20.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3706.0	ZAD 2,5/4/B YE	4044211060244	20 ST