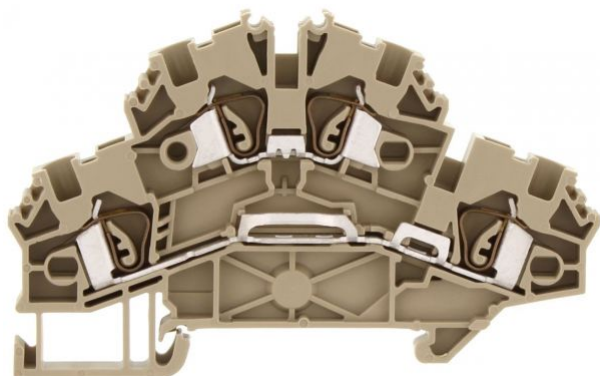


1707.2

ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG



Ex double-level terminal ATEX-certified, Tension-spring 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

Product description	Ex double-level terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	12
Weight per piece (including packaging)	12.8
Unit of weight	G
Customs number	85369010
Country of origin	DE

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Technical Data

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### Dimensions

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Length	83.6 mm
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Width	5.1 mm
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Height TS 35/7.5	53 mm
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Height TS 35 / 7.5 with BA	64 mm
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### Ratings

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Rated voltage	500 V
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Rated current	24 A
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Rated cross-section	2.5 mm <sup>2</sup>
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Rated impulse voltage	6 kV
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Overvoltage category	III
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Contamination degree	3
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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Technical Data

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### Connection data

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Connection principle	Tension-spring connection
Connection position	Diagonal
Connections	2 x 2
Number of terminals per level	2
Number of levels	2
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded, max.	4 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.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	12
Stripping length	10 mm

### Materials

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Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Technical Data

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### Materials

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Working temperature, max.	120 °C
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### Further technical data

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Mounting type	Mounting rail TS 35/7,5
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Gauge plug acc. to EN 60 947-1	A3
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Number of cross-connection channels	2
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End plate required	✓
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Number of test pick-off options	4
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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Approvals

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### Standards and regulations

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Partial certification number	TÜV ATEX 7093 U
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EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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### CSA approval

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CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	300 V
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CSA Usegroup C: rated current	10 A
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CSA wire cross-section AWG, min.	20
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CSA wire cross-section AWG, max.	12
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CSA stripping length	10 mm
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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Approvals

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### CSAus approval

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CSAus approval	UL 1059
CSAus approval granted	✓
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

### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	500 V
GL rated current	24 A
GL wire cross-section single core (rigid), min.	2.5 mm <sup>2</sup>
GL wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
GL wire cross-section, min.	2.5 mm <sup>2</sup>
GL wire cross-section stranded, max.	4 mm <sup>2</sup>
GL environmental category	C

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Approvals

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### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	500 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.5 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Approvals

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### UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	10 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	10 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	10 A
UL wire cross-section single-core (rigid) AWG, min.	20
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	20
UL wire cross-section stranded AWG, max.	12
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓



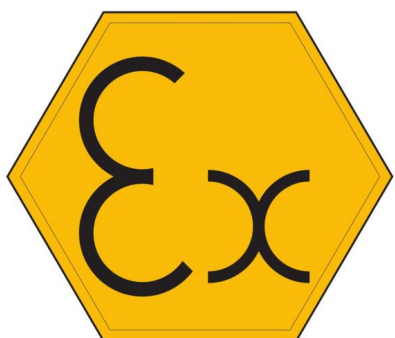
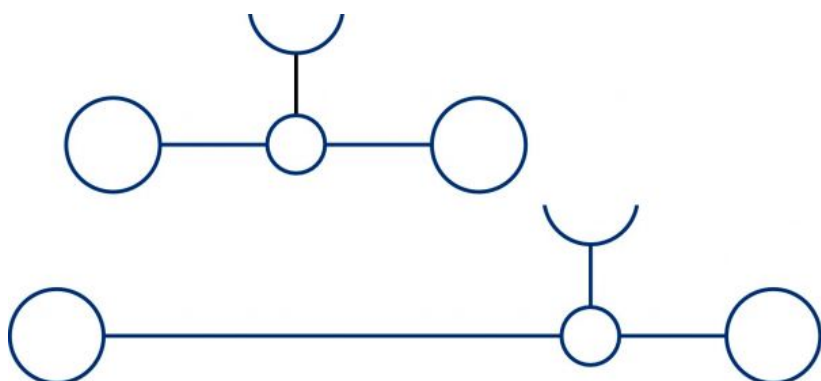
1707.2

ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Media

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**EAC**



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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Media

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Accessories

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### End plate

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End plate, Width: 2 mm, Colour: Beige

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3756.2	ZAPD 2,5	4044211060664	20 PC

### Actuating tool

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3808.0	BWMA 1 (0,5 x 3,5 mm)	4044211078850	1 PC

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ZRKD 2,5 Ex BG

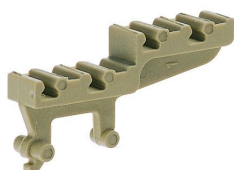
ZRKD 2,5 Ex BG

## Accessories

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### Marking adapter

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

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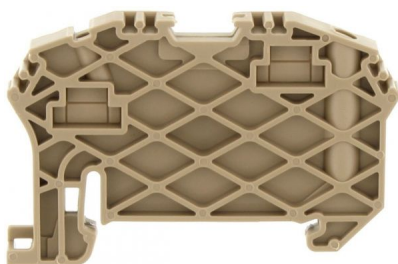
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3745.2	ZBA 1 BG	4044211060541	20 PC

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### End bracket

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

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3748.2	ZES 35	4044211060572	50 PC

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Accessories

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### Test adapter

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3740.2	ZTA 2,5	4044211060497	10 PC

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3719.8	ZQI 2,5/0,5 m/99 poles	4044211060374	2 PC

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ZRKD 2,5 Ex BG

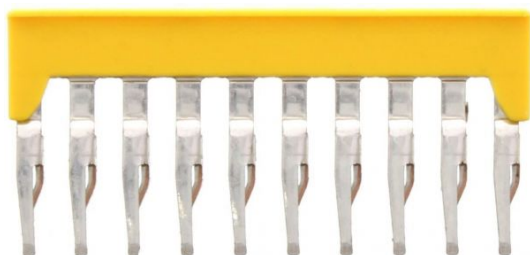
ZRKD 2,5 Ex BG

## Accessories

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### Insulated cross connector

---



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3718.8	ZQI 2,5/10	4044211060367	10 PC

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3710.8	ZQI 2,5/2	4044211060282	50 PC

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3711.8	ZQI 2,5/3	4044211060299	50 PC

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Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3712.8	ZQI 2,5/4	4044211060305	20 PC

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3713.8	ZQI 2,5/5	4044211060312	20 PC

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Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 29.5 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3714.8	ZQI 2,5/6	4044211060329	20 PC

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ZRKD 2,5 Ex BG

ZRKD 2,5 Ex BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3715.8	ZQI 2,5/7	4044211060336	20 PC

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Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 39.7 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3716.8	ZQI 2,5/8	4044211060343	10 PC

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ZRKD 2,5 Ex BG

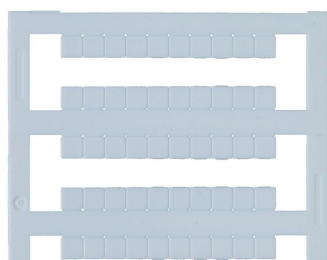
ZRKD 2,5 Ex BG

## Accessories

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### Quick-marking

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 PC

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### Fourfold-cover

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

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3706.0	ZAD 2,5/4/B	4044211060244	20 PC

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