

1718.2

ZRK 4/4A Ex BG

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Ex feed-through terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm<sup>2</sup>, Width: 6.1 mm, Colour: Beige

## Business data

Product description	Ex feed-through terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	15.2
Weight per piece (including packaging)	16.4
Unit of weight	G
Customs number	85369010
Country of origin	DE

1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Technical Data

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### Dimensions

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Length	93 mm
Width	6.1 mm
Height TS 35/7.5	42 mm

### Ratings

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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

1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Technical Data

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### Connection data

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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 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded, min.	0.5 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

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

1718.2

ZRK 4/4A Ex BG

ZRK 4/4A 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	A4
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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	2
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1718.2

ZRK 4/4A Ex BG

ZRK 4/4A 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	600 V
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CSA Usegroup C: rated current	35 A
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CSA wire cross-section AWG, min.	20
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CSA wire cross-section AWG, max.	10
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CSA stripping length	10 mm
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1718.2

ZRK 4/4A Ex BG

ZRK 4/4A 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	600 V
CSAus Usegroup C: rated current	35 A
CSAus wire cross-section AWG, min.	20
CSAus wire cross-section AWG, max.	10
CSAus stripping length	10 mm

### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	800 V
GL rated current	32 A
GL wire cross-section single core (rigid), min.	4 mm <sup>2</sup>
GL wire cross-section single-core (rigid), max.	6 mm <sup>2</sup>
GL wire cross-section, min.	4 mm <sup>2</sup>
GL wire cross-section stranded, max.	6 mm <sup>2</sup>
GL environmental category	C

1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Approvals

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### KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	800 V
KEMA rated current	32 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	6 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	6 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	6 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	6 mm <sup>2</sup>

1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Approvals

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### UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	35 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	35 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	35 A
UL wire cross-section single-core (rigid) AWG, min.	20
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	20
UL wire cross-section stranded AWG, max.	10
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓



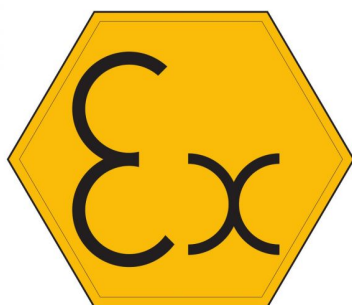
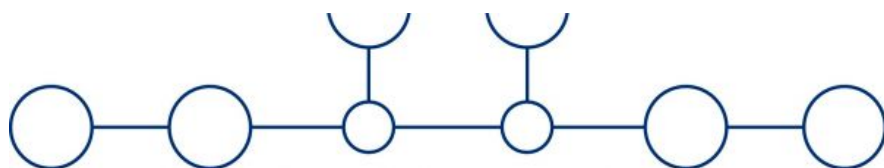
1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Media

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**EAC**



1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Media

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1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Accessories

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### End plate

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End plate, Width: 2 mm, Colour: Beige

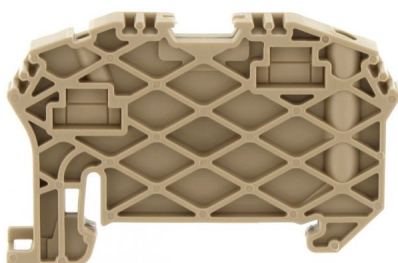
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3705.2	ZAP 4/4A	4044211060213	50 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

### In general

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

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1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Accessories

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### Test adapter

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Test adapter, Pitch size: 6.1 mm, Colour: Beige

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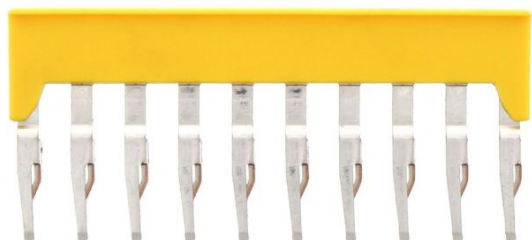
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3741.2	ZTA 4	4044211060503	10 PC

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 58.9 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3728.8	ZQI 4/10	4044211060466	10 PC

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1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Accessories

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### Insulated cross connector

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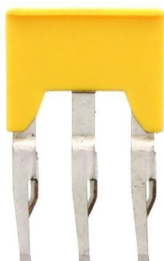


Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3720.8	ZQI 4/2	4044211060381	50 PC

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Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.2 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3721.8	ZQI 4/3	4044211060398	50 PC

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1718.2

ZRK 4/4A Ex BG

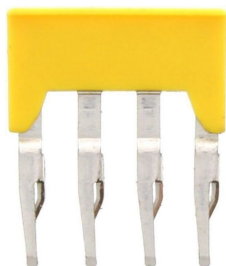
ZRK 4/4A Ex BG

## Accessories

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### Insulated cross connector

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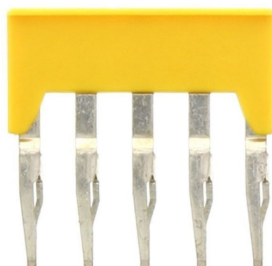


Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 22.3 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3722.8	ZQI 4/4	4044211060404	20 PC

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Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 28.4 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3723.8	ZQI 4/5	4044211060411	20 PC

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1718.2

ZRK 4/4A Ex BG

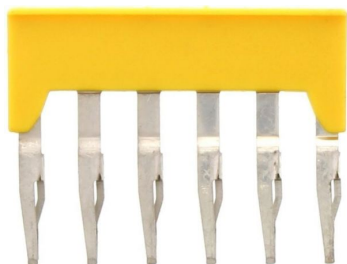
ZRK 4/4A Ex BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 34.5 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3724.8	ZQI 4/6	4044211060428	20 PC

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Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 40.6 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3725.8	ZQI 4/7	4044211060435	20 PC

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1718.2

ZRK 4/4A Ex BG

ZRK 4/4A Ex BG

## Accessories

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### Insulated cross connector

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Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3726.8	ZQI 4/8	4044211060442	10 PC

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Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 52.8 mm, Rated cross-section: 4 mm<sup>2</sup>, Colour: Yellow

### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3727.8	ZQI 4/9	4044211060459	10 PC

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1718.2

ZRK 4/4A Ex BG

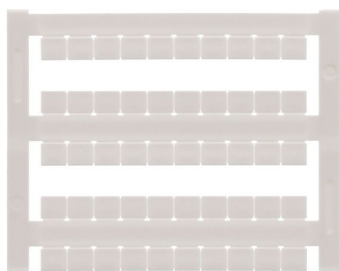
ZRK 4/4A Ex BG

## Accessories

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### Quick-marking

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Terminal marker / Pocket Maxicard, Length: 5 mm,  
Width: 6 mm, Colour: White

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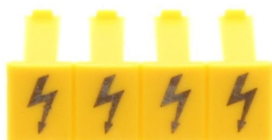
### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 PC

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### Fourfold-cover

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Cover, Length: 8 mm, Width: 24.4 mm, Colour: Yellow

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### In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3707.0	ZAD 4/4/B	4044211060251	20 PC

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