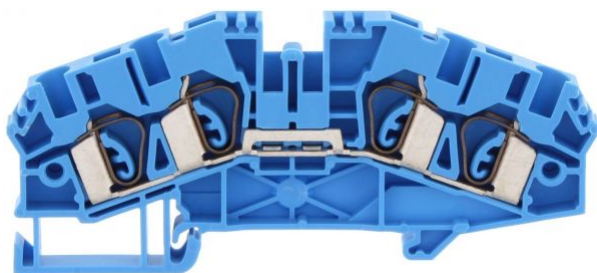


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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU



Ex feed-through terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 4 mm², Width: 6.1 mm, Colour: Blue

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

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Technical Data

Dimensions

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

Ratings

Rated voltage	800 V
Rated current	32 A
Rated cross-section	4 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Technical Data

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 mm ²
Wire cross-section single core (rigid)/stranded, max.	6 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	6 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	4 mm ²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	10
Stripping length	12 mm

Materials

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

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Technical Data

Materials

Working temperature, max.	120 °C
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Further technical data

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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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Approvals

Standards and regulations

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

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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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Approvals

CSAus approval

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

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 ²
GL wire cross-section single-core (rigid), max.	6 mm ²
GL wire cross-section, min.	4 mm ²
GL wire cross-section stranded, max.	6 mm ²
GL environmental category	C

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Approvals

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 ²
KEMA wire cross-section single-core (rigid), max.	6 mm ²
KEMA wire cross-section stranded, min.	6 mm ²
KEMA wire cross-section stranded, max.	6 mm ²

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Approvals

UL Recognized

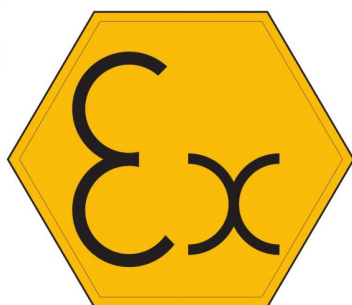
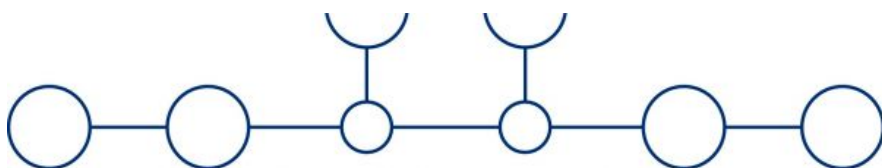
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	35 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	35 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	35 A
UL wire cross-section single-core (rigid) AWG, min.	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	✓

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Media



EAC



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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Media



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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

End plate

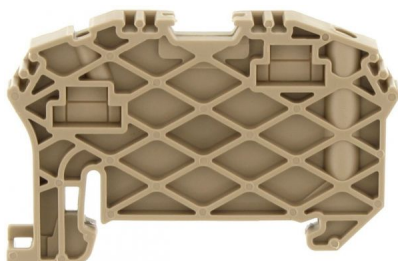


End plate, Width: 2 mm, Colour: Beige

In general

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

End bracket



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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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

Test adapter

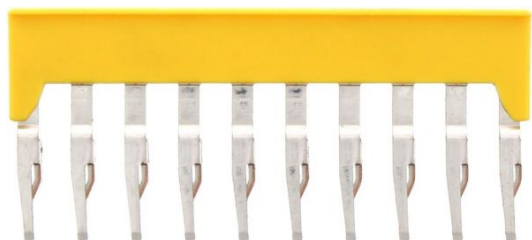


Test adapter, Pitch size: 6.1 mm, Colour: Beige

In general

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

Insulated cross connector



Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 58.9 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

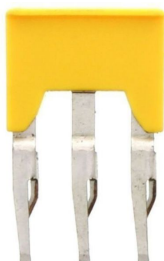
Insulated cross connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.2 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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

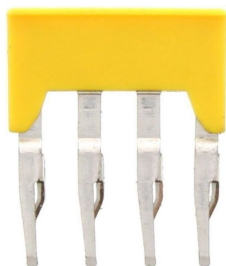
1718.5

ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

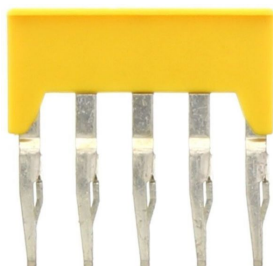
Insulated cross connector



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 22.3 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 28.4 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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

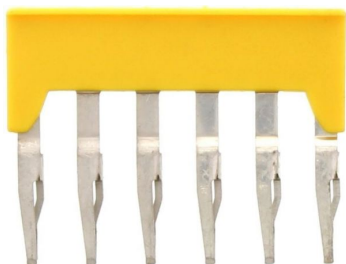
1718.5

ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

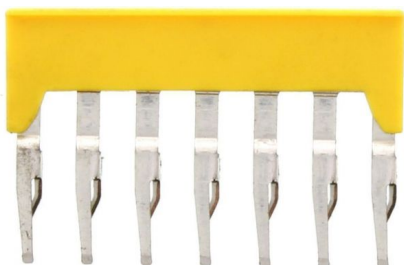
Insulated cross connector



Insulated cross-connector, No. of poles: 6, Mounting type: Plug in, Width: 34.5 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 40.6 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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

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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

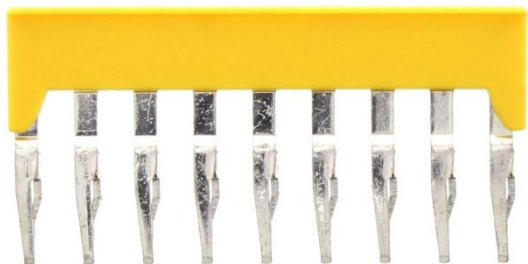
Insulated cross connector



Insulated cross-connector, No. of poles: 8, Mounting type: Plug in, Width: 46.7 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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



Insulated cross-connector, No. of poles: 9, Mounting type: Plug in, Width: 52.8 mm, Rated cross-section: 4 mm², Colour: Yellow

In general

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

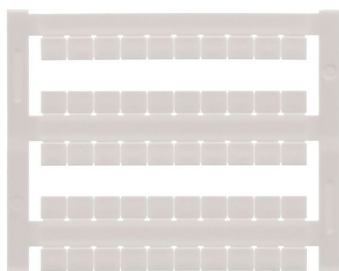
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ZRK 4/4A Ex BU

ZRK 4/4A Ex BU

Accessories

Quick-marking

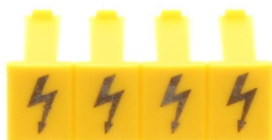


Terminal marker / Pocket Maxicard, Length: 5 mm,
Width: 6 mm, Colour: White

In general

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

Fourfold-cover



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

In general

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