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ZRK 16/2A 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: 16 mm², Width: 12.1 mm, Colour: Beige

Business data

Product description	Ex feed-through terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	35.4
Weight per piece (including packaging)	36.45
Unit of weight	G
Customs number	85369010
Country of origin	DE

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Technical Data

Dimensions

Length	81.5 mm
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Width	12.1 mm
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Height TS 35/7.5	51.5 mm
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Ratings

Rated voltage	1000 V
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Rated current	76 A
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Rated cross-section	16 mm ²
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Rated impulse voltage	8 kV
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Overvoltage category	III
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Contamination degree	3
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Technical Data

Connection data

Connection principle	Tension-spring connection
Connection position	Diagonal
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	1.5 mm ²
Wire cross-section single core (rigid)/stranded, max.	25 mm ²
Wire cross-section stranded, min.	1.5 mm ²
Wire cross-section stranded, max.	16 mm ²
Wire cross-section stranded with wire-end ferrules, min.	1.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	16 mm ²
Wire cross-section AWG, min.	14
Wire cross-section AWG, max.	4
Stripping length	18 mm

Materials

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

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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	A7
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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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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	1000 V
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CSA Usegroup C: rated current	65 A
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CSA wire cross-section AWG, min.	14
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CSA wire cross-section AWG, max.	4
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CSA stripping length	18 mm
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Approvals

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	✓
CSAus Usegroup C: rated voltage	1000 V
CSAus Usegroup C: rated current	65 A
CSAus wire cross-section AWG, min.	14
CSAus wire cross-section AWG, max.	4
CSAus stripping length	18 mm

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	76 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	15 mm ²
KEMA wire cross-section single-core (rigid), max.	25 mm ²
KEMA wire cross-section stranded, min.	15 mm ²
KEMA wire cross-section stranded, max.	16 mm ²

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Approvals

UL Recognized

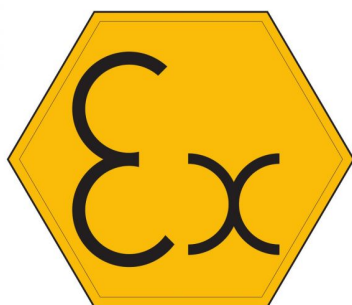
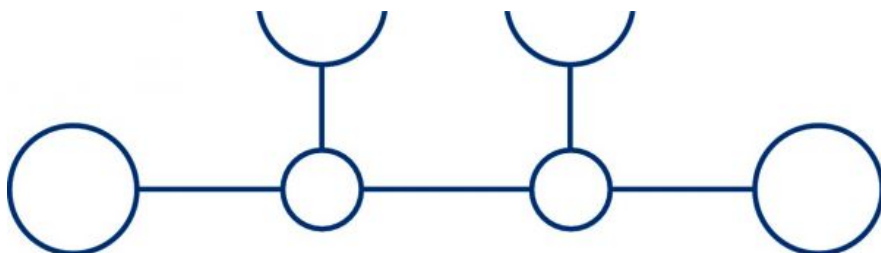
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup E: rated voltage	1000 V
UL Usegroup E: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	14
UL wire cross-section single-core (rigid) AWG, max.	4
UL wire cross-section stranded AWG, min.	14
UL wire cross-section stranded AWG, max.	4
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

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Media



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Accessories

End plate

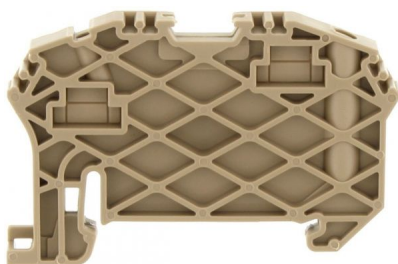


End plate, Width: 2 mm, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3799.2	ZAP 16/2A	4044211080204	20 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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Accessories

Test adapter



Test adapter, Pitch size: 12 mm, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3810.2	ZTA 16	4044211080594	10 PC

Insulated cross connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 20.4 mm, Rated cross-section: 16 mm², Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3800.8	ZQI 16/2	4044211080181	20 PC

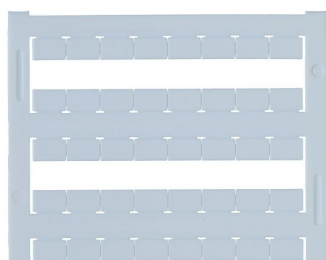
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Accessories

Quick-marking

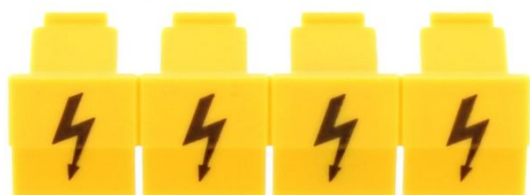


Terminal marker / Pocket Maxicard, Length: 5 mm,
Width: 8 mm, Colour: White

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
9323.7	PMC SB 8/40 WH	4044211129231	400 PC

Fourfold-cover



Cover, Width: 48.4 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
3801.0	ZAD 16/4/B	4044211080235	20 PC
