

Ex feed-through terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm<sup>2</sup>, Width: 12.1 mm, Colour: Beige

### Business data

Article number	<u>1721.2</u>
Article name	ZRK 16/2A Ex BG
GTIN (EAN)	4044211080143
Explosion-proof version (EEx e)	yes
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	35.4 g
Weight per piece (including packaging)	36.45 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1721.2
Product description	Ex feed-through terminal ATEX-certified

### Technical data

#### Dimensions

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

#### Ratings

Rated voltage	1000 V
Rated current	76 A
Rated cross-section	16 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.43 W

#### 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 <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	25 mm <sup>2</sup>
Wire cross-section stranded, min.	1.5 mm <sup>2</sup>
Wire cross-section stranded, max.	16 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	1.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	16 mm <sup>2</sup>
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
Working temperature, max.	120 °C

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### Technical data

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#### Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A7
Number of cross-connection channels	2
End plate required	✓
Number of test pick-off options	2

#### Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14, 2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

### Approvals

#### Standards and regulations

ATEX certification number	TÜV ATEX 7093 U
EAC approval	TR ZU 004/2011
EAC approval granted	yes

#### CSA approval

CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	1000 V
CSA Usegroup C: rated current	65 A
CSA wire cross-section AWG, min.	14
CSA wire cross-section AWG, max.	4
CSA stripping length	18 mm

#### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
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 60947-7-1:2009
KEMA KEUR approval granted	yes
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 <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	25 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	15 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	16 mm <sup>2</sup>

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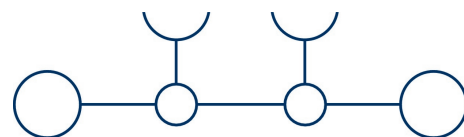
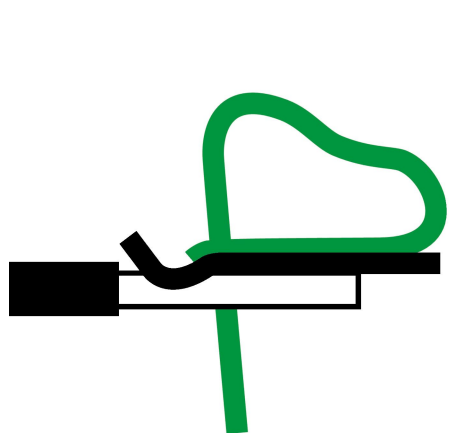
### Approvals

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#### UL Recognized

UL approval	UL 1059
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	1
UL field wiring	1
UL Recognized	1

### Media



### Accessories

#### End plate



End plate, Width: 2 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3799.2</u>	ZAP 16/2A BG	4044211080204	20

#### 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
<u>3748.2</u>	ZES 35 BG	4044211060572	50

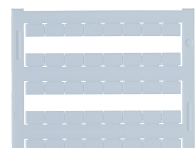
#### Insulated cross-connector



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3800.8</u>	ZQI 16/2 YE	4044211080181	20 ST

#### Quick marking



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

Article number	Article name	GTIN (EAN)	Packaging unit
<u>9323.7</u>	PMC SB 8/40 WH	4044211129231	400 ST

#### Four-way cover

## 1721.2 ZRK 16/2A Ex BG

Cover, Width: 48.4 mm, Colour: Yellow



**Article number**

**Article name**

**GTIN (EAN)**

**Packaging unit**

3801.0

ZAD 16/4/B YE

4044211080235

20 ST