

Ex feed-through terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 10 mm<sup>2</sup>, Width: 10.1 mm, Colour: Blue

**RAL:** Ähnlich 5005

### Business data

Article number	1720.5
Article name	ZRK 10/2A Ex BU
GTIN (EAN)	4044211111007
Explosion-proof version (EEx e)	yes
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	24.8 g
Weight per piece (including packaging)	26 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1720.2
Product description	Ex feed-through terminal ATEX-certified

### Technical data

#### Dimensions

Length	73.5 mm
Width	10.1 mm
Height TS 35/7.5	50.5 mm

#### Ratings

Rated voltage	1000 V
Rated current	57 A
Rated cross-section	10 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.82 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.	16 mm <sup>2</sup>
Wire cross-section stranded, min.	1.5 mm <sup>2</sup>
Wire cross-section stranded, max.	10 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.	10 mm <sup>2</sup>
Wire cross-section AWG, min.	16
Wire cross-section AWG, max.	6
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

---

### Technical data

---

#### Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	B6
Number of cross-connection channels	2
End plate required	✓
Number of test pick-off options	2

#### Environmental Product Compliance

REACH Candidate Substance Note	No
--------------------------------	----

### 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	500 V
CSA Usegroup C: rated current	55 A
CSA wire cross-section AWG, min.	16
CSA wire cross-section AWG, max.	6
CSA stripping length	18 mm

#### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	500 V
CSAus Usegroup C: rated current	55 A
CSAus wire cross-section AWG, min.	16
CSAus wire cross-section AWG, max.	6
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	57 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.	16 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>

### Approvals

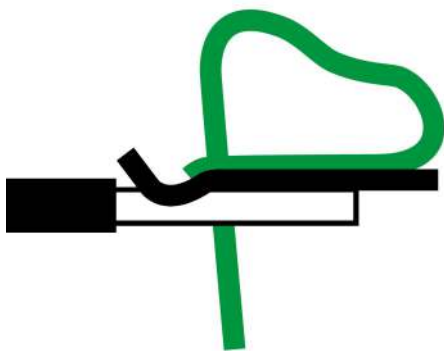
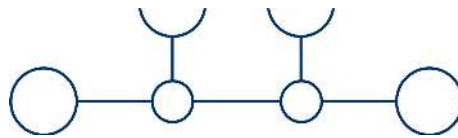
#### UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	500 V
UL Usegroup B: rated current	55 A
UL Usegroup C: rated voltage	500 V
UL Usegroup C: rated current	55 A
UL Usegroup D: rated voltage	500 V
UL Usegroup D: rated current	55 A
UL wire cross-section single-core (rigid) AWG, min.	16
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	16
UL wire cross-section stranded AWG, max.	6
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

### Media



EAC



### Accessories

#### End plate



End plate, Width: 2 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3788.2</u>	ZAP 10/2A BG	4044211061159	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

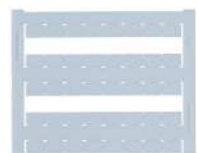
#### Insulated cross-connector



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 17.4 mm, Rated cross-section: 10 mm<sup>2</sup>, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3789.8</u>	ZQI 10/2 YE	4044211061173	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

# Data sheet

## 1720.5 ZRK 10/2A Ex BU

Cover, Width: 40.4 mm, Colour: Yellow



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3709.0</u>	ZAD 10/4/B YE	4044211060275	20 ST