

Ex triple-level terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Beige

Business data

Article number	<u>1708.2</u>
Article name	ZIKD 2,5 Ex BG
GTIN (EAN)	4044211107932
Explosion-proof version (EEx e)	yes
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	21.8 g
Weight per piece (including packaging)	23.75 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1708.2
Product description	Ex triple-level terminal ATEX-certified

Technical data

Dimensions

Length	116.2 mm
Width	5.1 mm
Height TS 35/7.5	68 mm

Ratings

Rated voltage	500 V
Rated current	24 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.3 W

Connection data

Connection principle	Tension-spring connection
Connection position	Top
Connections	3 x 2
Number of terminals per level	2
Number of levels	3
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	12
Stripping length	10 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	A3
Number of cross-connection channels	3
End plate required	✓
Number of test pick-off options	6
Can be cross-connected	✓

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
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	300 V
CSA Usegroup C: rated current	15 A
CSA wire cross-section AWG, min.	20
CSA wire cross-section AWG, max.	12
CSA stripping length	10 mm

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	300 V
CSAus Usegroup C: rated current	15 A
CSAus wire cross-section AWG, min.	20
CSAus wire cross-section AWG, max.	12
CSAus stripping length	10 mm

cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	15 A
cUL Usegroup C: rated voltage	300 V
cUL Usegroup C: rated current	15 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	15 A
cUL wire cross-section single-core (rigid) AWG, min.	20
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	20
cUL wire cross-section stranded AWG, max.	12
cUL wire material	Cu
cUL Recognized	1

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	500 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.5 mm ²
KEMA wire cross-section single-core (rigid), max.	4 mm ²
KEMA wire cross-section stranded, min.	0.5 mm ²
KEMA wire cross-section stranded, max.	4 mm ²

UL Recognized

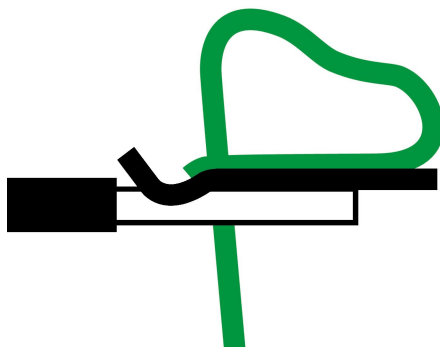
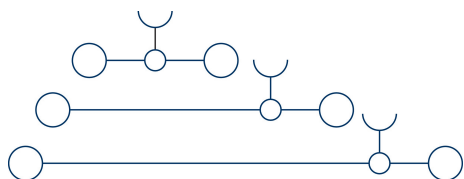
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	15 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	15 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	15 A
UL wire cross-section single-core (rigid) AWG, min.	20
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	20
UL wire cross-section stranded AWG, max.	12
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Approvals

DNV GL Approval

DNV GL Certificate number	TAE00000Y7
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	2.5 mm ²
DNV GL rated current	24 A
DNV GL rated voltage	500 V
DNV GL test standard	IEC 60947-7-1:2009
DNV GL wire cross-section single-core (rigid), max.	4 mm ²
DNV GL wire cross-section stranded, max.	2.5 mm ²

Media



Accessories

Reducing sleeves

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3751.6</u>	ZRH 2,5/0,25-0,5 GR	4044211060602	1000 ST

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: White



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3750.7</u>	ZRH 2,5/0,13-0,2 WH	4044211060596	1000 ST

Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Black



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3752.4</u>	ZRH 2,5/0,75-1,0 BK	4044211060619	1000 ST