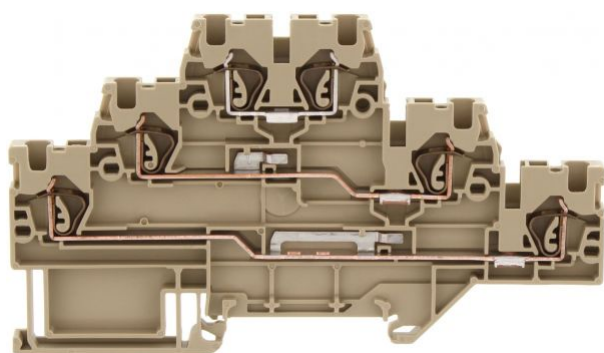


1708.2

ZIKD 2,5 Ex BG

ZIKD 2,5 Ex BG



Ex triple-level terminal ATEX-certified, Tension-spring connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 5.1 mm, Colour: Beige

## Business data

Product description	Ex triple-level terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	21.8
Weight per piece (including packaging)	23.75
Unit of weight	G
Customs number	85369010
Country of origin	DE

**1708.2**

**ZIKD 2,5 Ex BG**

**ZIKD 2,5 Ex BG**

## Technical Data

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### Dimensions

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

### Ratings

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Rated voltage	500 V
Rated current	24 A
Rated cross-section	2.5 mm <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

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ZIKD 2,5 Ex BG

## Technical Data

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### Connection data

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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 <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	12
Stripping length	10 mm

### Materials

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

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ZIKD 2,5 Ex BG

ZIKD 2,5 Ex BG

## Technical Data

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### Materials

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Working temperature, max.	120 °C
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### Further technical data

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Mounting type	Mounting rail TS 35/7,5
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Gauge plug acc. to EN 60 947-1	A3
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Number of cross-connection channels	3
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End plate required	✓
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Number of test pick-off options	6
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Can be cross-connected	✓
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ZIKD 2,5 Ex BG

ZIKD 2,5 Ex BG

## Approvals

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### Standards and regulations

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

### CSA approval

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CSA approval	C22.2 No 158
CSA approval granted	✓
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

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## Approvals

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### CSAus approval

CSAus approval	UL 1059
CSAus approval granted	✓
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

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ZIKD 2,5 Ex BG

## Approvals

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### cUL Recognized

cUL Recognized	C22.2 No 158
cUL Recognized	✓
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

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ZIKD 2,5 Ex BG

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## Approvals

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### German Lloyd approval

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GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	500 V
GL rated current	24 A
GL wire cross-section single core (rigid), min.	2.5 mm <sup>2</sup>
GL wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
GL wire cross-section, min.	2.5 mm <sup>2</sup>
GL wire cross-section stranded, max.	4 mm <sup>2</sup>
GL environmental category	C

### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
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 <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	4 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	0.5 mm <sup>2</sup>



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ZIKD 2,5 Ex BG

## Approvals

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### KEMA KEUR approval

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KEMA wire cross-section stranded, max.	4 mm <sup>2</sup>
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### UL Recognized

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UL Recognized	UL 1059
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UL Recognized granted	✓
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UL Usegroup B: rated voltage	300 V
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UL Usegroup B: rated current	15 A
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UL Usegroup C: rated voltage	300 V
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UL Usegroup C: rated current	15 A
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UL Usegroup D: rated voltage	300 V
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UL Usegroup D: rated current	15 A
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UL wire cross-section single-core (rigid) AWG, min.	20
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UL wire cross-section single-core (rigid) AWG, max.	12
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UL wire cross-section stranded AWG, min.	20
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UL wire cross-section stranded AWG, max.	12
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UL wire material	Cu
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UL factory wiring	✓
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UL field wiring	✓
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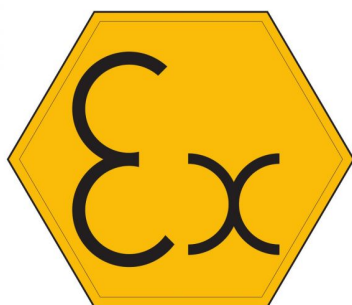
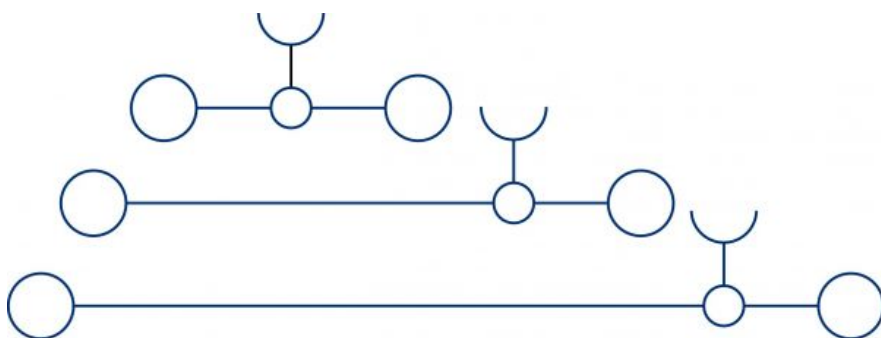
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ZIKD 2,5 Ex BG

ZIKD 2,5 Ex BG

## Media

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**EAC**



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ZIKD 2,5 Ex BG

ZIKD 2,5 Ex BG

## Media

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