



Three-level initiator terminal | Multi-wire terminal, 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: Blue

### RAL: Ähnlich 5005

### **Business data**

Article number	<u>3591.5</u>
Article name	ZIKD 2,5/SV BU
GTIN (EAN)	4044211059491
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	23.8 g
Weight per piece (including packaging)	25.4 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	3591.2
Product description	Three-level initiator terminal   Multi-wire terminal



### **Technical data**

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 <sup>2</sup>
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 <sup>2</sup>
DNV GL wire cross-section stranded, max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.3 W



### **Technical data**

Connection data	
Connection principle	Tension-spring connection
Connection position	Тор
Connections	6
Number of terminals per level	2
Number of levels	3
Levels internally bridged	$\checkmark$
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded, max.	4 mm²
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	
Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
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	1
End plate required	$\checkmark$
Number of test pick-off options	6
Can be cross-connected	$\checkmark$
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes



### Approvals

EAC approvalTR ZU 004/2011EAC approval grantedyesCSA approvalC22.2 No 158CSA approval grantedyesCSA dapproval grantedyesCSA dapproval grantedyesCSA Usegroup C: rated voltage300 VCSA Usegroup C: rated current15 ACSA wire cross-section AWG, min.20CSA use cross-section AWG, max.12CSA stripping length10 mmCSAus approvalUL 1059CSAus approval grantedyesCSAus approval grantedyesCSAus approval grantedyesCSAus usegroup C: rated voltage300 VCSAus user cross-section AWG, max.12CSAus stripping length10 mmcUL Recognized20cUL usegroup B: rated voltage300 VcUL Usegroup D: rated voltage300 VcUL Usegroup D: rated voltage300 VcUL Usegroup D: rated current15 AcUL user coss-section single-core (rigid) AWG, min.20cU	Standards and regulations	
CSA approval   CSA approval   CSA approval granted   Ves   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   CSAus approval   UL 1059   CSAus proval granted   Ves   CSAus Usegroup C: rated voltage   300 V   CSAus Usegroup C: rated voltage   300 V   CSAus Usegroup C: rated voltage   300 V   CSAus wire cross-section AWG, min.   20   CSAus wire cross-section AWG, max.   12   CSAus wire cross-section AWG, max.   12   CSAus wire cross-section AWG, max.   12   CSAus stripping length 10 mm   cUL Recognized   cUL Usegroup B: rated voltage 300 V   cUL Usegroup D: rated voltage 300 V   <	EAC approval	TR ZU 004/2011
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### Approvals

KEMA KEUR approvalEN 609KEMA KEUR approval grantedyesKEMA rated voltage500 VKEMA rated current24 AKEMA rated impulse voltage6 kVKEMA wire cross-section single core (rigid), min.0.5 mmKEMA wire cross-section single-core (rigid), max.4 mm²KEMA wire cross-section stranded, min.0.5 mmKEMA wire cross-section stranded, max.4 mm²UL RecognizedUL approvalUL usegroup B: rated voltageUL approval	17 7 4 0000
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KEMA wire cross-section stranded, max. 4 mm²   UL Recognized UL approval	
UL approval	2
UL approval	
III Usegroup B: rated voltage	UL 1059
or osegroup D. 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



#### Media













#### Accessories

#### End plate

	End plate, Widt	h: 1.5 mm, Colour: Beige		
	Article number	Article name	GTIN (EAN)	Packaging unit
	3761.2	ZAP 2,5/ID BG	4044211060855	20

#### **Actuating tool**

#### 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
3748.2	ZES 35 BG	4044211060572	50

#### Test adapter

	Test adapter, P	itch size: 5.1 mm, Colour: Beige		
	Article number	Article name	GTIN (EAN)	Packaging unit
8	3740.2	ZTA 2,5 BG	4044211060497	10 ST

#### Insulated cross-connector

	Insulated cross-connector, No. of poles: 7, Mounting type: Plug in, Width: 34.6 mm, Rated cross-section: 2.5 mm <sup>2</sup> , Colour: Yellow			
	Article number	Article name	GTIN (EAN)	Packaging unit
	3715.8	ZQI 2,5/7 YE	4044211060336	20



#### Insulated cross-connector

	Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.1 mm, Rated cross-section: 2.5 mm <sup>2</sup> , Colour: Yellow			
7 7	Article number	Article name	GTIN (EAN)	Packaging unit
	3710.8	ZQI 2,5/2 YE	4044211060282	50
		-connector, No. of poles: 10, Mounting ection: 2.5 mm², Colour: Yellow	y type: Plug in, Width:	49.9 mm,
0000000000	Article number	Article name	GTIN (EAN)	Packaging unit
	3718.8	ZQI 2,5/10 YE	4044211060367	10
		c-connector, No. of poles: 3, Mounting tection: 2.5 mm², Colour: Yellow	type: Plug in, Width: 1	4.2 mm,
177	Article number	Article name	GTIN (EAN)	Packaging unit
	3711.8	ZQI 2,5/3 YE	4044211060299	50
	Insulated cross-connector, No. of poles: 5, Mounting type: Plug in, Width: 24.4 mm, Rated cross-section: 2.5 mm <sup>2</sup> , Colour: Yellow			
66666	Article number	Article name	GTIN (EAN)	Packaging
X X X X X	Article number	Article hame	GTIN (EAN)	unit
YYYYY	<u>3713.8</u>	ZQI 2,5/5 YE	4044211060312	
	<u>3713.8</u> Insulated cross		4044211060312	unit 20
	<u>3713.8</u> Insulated cross	ZQI 2,5/5 YE s-connector, No. of poles: 8, Mounting 1	4044211060312	unit 20
	3713.8 Insulated cross Rated cross-se	ZQI 2,5/5 YE connector, No. of poles: 8, Mounting t ection: 2.5 mm <sup>2</sup> , Colour: Yellow	4044211060312 type: Plug in, Width: 3	unit 20 9.7 mm, Packaging
	3713.8 Insulated cross Rated cross-se Article number 3716.8 Insulated cross	ZQI 2,5/5 YE s-connector, No. of poles: 8, Mounting t ection: 2.5 mm <sup>2</sup> , Colour: Yellow Article name	4044211060312 type: Plug in, Width: 3 GTIN (EAN) 4044211060343	unit 20 9.7 mm, Packaging unit 10
	3713.8 Insulated cross Rated cross-se Article number 3716.8 Insulated cross	ZQI 2,5/5 YE s-connector, No. of poles: 8, Mounting to ection: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/8 YE s-connector, No. of poles: 4, Mounting to	4044211060312 type: Plug in, Width: 3 GTIN (EAN) 4044211060343	unit 20 9.7 mm, Packaging unit 10
	3713.8 Insulated cross Rated cross-se Article number 3716.8 Insulated cross Rated cross-se	ZQI 2,5/5 YE a-connector, No. of poles: 8, Mounting to action: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/8 YE a-connector, No. of poles: 4, Mounting to action: 2.5 mm <sup>2</sup> , Colour: Yellow	4044211060312 type: Plug in, Width: 3 <b>GTIN (EAN)</b> 4044211060343 type: Plug in, Width: 1	unit 20 9.7 mm, Packaging unit 10 9.3 mm, Packaging
	3713.8   Insulated cross   Rated cross-se   Article number   3716.8   Insulated cross-se   Article number   3716.8   Insulated cross-se   Article number   3712.8   Insulated cross	ZQI 2,5/5 YE a-connector, No. of poles: 8, Mounting to action: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/8 YE a-connector, No. of poles: 4, Mounting to action: 2.5 mm <sup>2</sup> , Colour: Yellow Article name	4044211060312 type: Plug in, Width: 3 GTIN (EAN) 4044211060343 type: Plug in, Width: 1 GTIN (EAN) 4044211060305	unit 20 9.7 mm, Packaging unit 10 9.3 mm, Packaging unit 20
	3713.8   Insulated cross   Rated cross-se   Article number   3716.8   Insulated cross-se   Article number   3716.8   Insulated cross-se   Article number   3712.8   Insulated cross	ZQI 2,5/5 YE connector, No. of poles: 8, Mounting to ection: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/8 YE connector, No. of poles: 4, Mounting to ection: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/4 YE connector, No. of poles: 6, Mounting to connector, No. of poles: 6, Mounting to	4044211060312 type: Plug in, Width: 3 GTIN (EAN) 4044211060343 type: Plug in, Width: 1 GTIN (EAN) 4044211060305	unit 20 9.7 mm, Packaging unit 10 9.3 mm, Packaging unit 20
	3713.8   Insulated cross   Rated cross-set   Article number   3716.8   Insulated cross-set   Article number   3716.8   Insulated cross-set   Article number   3712.8   Insulated cross-set   Rated cross-set   Rated cross-set	ZQI 2,5/5 YE -connector, No. of poles: 8, Mounting to ection: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/8 YE -connector, No. of poles: 4, Mounting to ection: 2.5 mm <sup>2</sup> , Colour: Yellow Article name ZQI 2,5/4 YE -connector, No. of poles: 6, Mounting to ection: 2.5 mm <sup>2</sup> , Colour: Yellow	4044211060312 type: Plug in, Width: 3 GTIN (EAN) 4044211060343 type: Plug in, Width: 1 GTIN (EAN) 4044211060305 type: Plug in, Width: 2	unit 20 9.7 mm, Packaging unit 10 9.3 mm, Packaging unit 20 9.5 mm, Packaging



#### Insulated cross-connector

Insulated cross-connector, No. of poles: 99, Mounting type: Plug in, Width: 500 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3719.8	ZQI 2,5/0,5 m/99 Pole YE	4044211060374	2

#### **Quick marking**

Terminal marke	er / Pocket Maxicard, Length: 5 mm, Widt	th: 5 mm, Colour: White	
Article number	Article name	GTIN (EAN)	Packaging unit
4600.7	PMC SB 5/50 WH	4044211088903	500 ST

#### Four-way cover

44

Cover, Length: 6.7 m	m, Width: 20.4 mm, Colour: Yellow
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44	Article number	Article name	GTIN (EAN)	Packaging unit
	3706.0	ZAD 2,5/4/B YE	4044211060244	20 ST



#### **Reducing sleeves**

	Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Grey				
1000000000	Article number	Article name	GTIN (EAN)	Packaging unit	
	3751.6	ZRH 2,5/0,25-0,5 GR	4044211060602	1000 ST	
	Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: White				
11111111111	Article number	Article name	GTIN (EAN)	Packaging unit	
	3750.7	ZRH 2,5/0,13-0,2 WH	4044211060596	1000 ST	
Reducing sleeve, Width: 51 mm, Pitch size: 5.1 mm, Colour: Black					
111111111	Article number	Article name	GTIN (EAN)	Packaging unit	
	3752.4	ZRH 2,5/0,75-1,0 BK	4044211060619	1000 ST	