

ZDIK 1,5 - Initiator/actuator terminal block



3006470

<https://www.phoenixcontact.com/pc/products/3006470>

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Initiator/actuator terminal block, nom. voltage: 250 V, nominal current: 17.5 A, connection method: Spring-cage connection, 1st and 2nd level connection right, cross section: 0.14 mm² - 2.5 mm², connection method: Spring-cage connection, 3rd level, cross section: 0.14 mm² - 2.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Commercial data

Item number	3006470
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE2117
Catalog page	Page 150 (CL-2005)
GTIN	4017918147440
Weight per piece (including packing)	10.475 g
Weight per piece (excluding packing)	10.376 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Sensor/actuator terminal block
Number of connections	4
Number of rows	2
Potentials	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
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Connection data

Number of connections per level	2
Nominal cross section	1.5 mm ²
Rated cross section AWG	14

1st and 2nd level connection right

Stripping length	10 mm
Connection in acc. with standard	IEC / EN
Conductor cross section rigid	0.14 mm ² ... 2.5 mm ²
Cross section AWG	26 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Nominal current	17.5 A
Maximum load current	17.5 A (with a 2.5 mm ² conductor cross section)
Nominal voltage	250 V

3rd level

Stripping length	10 mm
Connection in acc. with standard	IEC / EN
Conductor cross section rigid	0.14 mm ² ... 2.5 mm ²
Cross section AWG	26 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²
Nominal current	17.5 A
Nominal voltage	250 V

Dimensions

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Width	5.2 mm
End cover width	2.2 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	Yes
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Standards and regulations

Connection in acc. with standard	IEC / EN
	IEC / EN

Mounting

Mounting type	NS 35/7,5
	NS 35/15

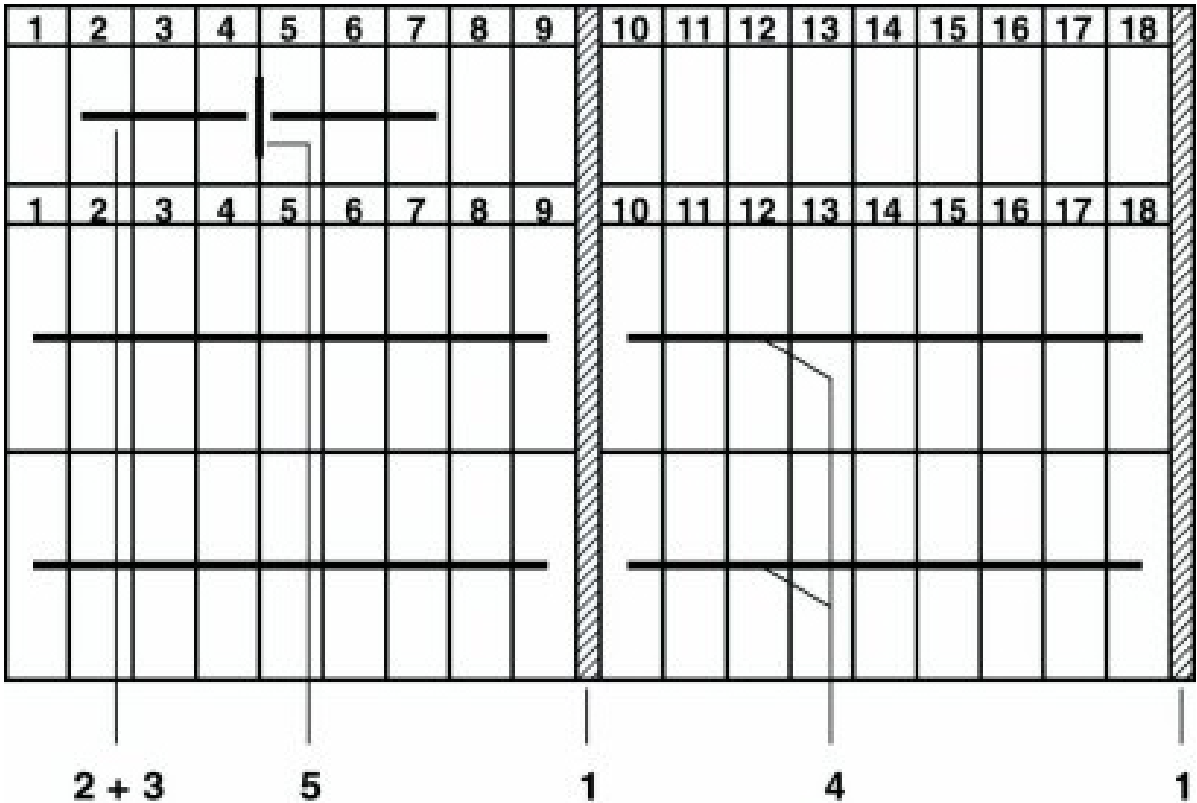
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Drawings

Circuit diagram



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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com