

DIK 1,5-LA 24GN/O-M - Sensor/actuator terminal block



2715762

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Sensor/actuator terminal block, nom. voltage: 24 V, nominal current: 24 A, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Terminal blocks with red and green LEDs are available for optical signaling of the initiator and actuator wiring

Commercial data

Item number	2715762
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1217
Catalog page	Page 482 (C-1-2019)
GTIN	4017918061548
Weight per piece (including packing)	13.39 g
Weight per piece (excluding packing)	13.39 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

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

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W
LED voltage range	15 V DC ... 30 V DC
LED current range	1 mA ... 2.5 mA

Input data

LED voltage range	15 V DC ... 30 V DC
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Connection data

Number of connections per level	2
Nominal cross section	2.5 mm ²

Level 1+2+3

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	24 A
Maximum load current	26 A (with a 2.5 mm ² conductor cross section)

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Nominal voltage	24 V (the voltage is determined by the light indicator.)
Nominal cross section	2.5 mm ²

Dimensions

Width	6.2 mm
Height	55 mm
Depth on NS 35/7,5	54.5 mm
Depth on NS 35/15	62 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

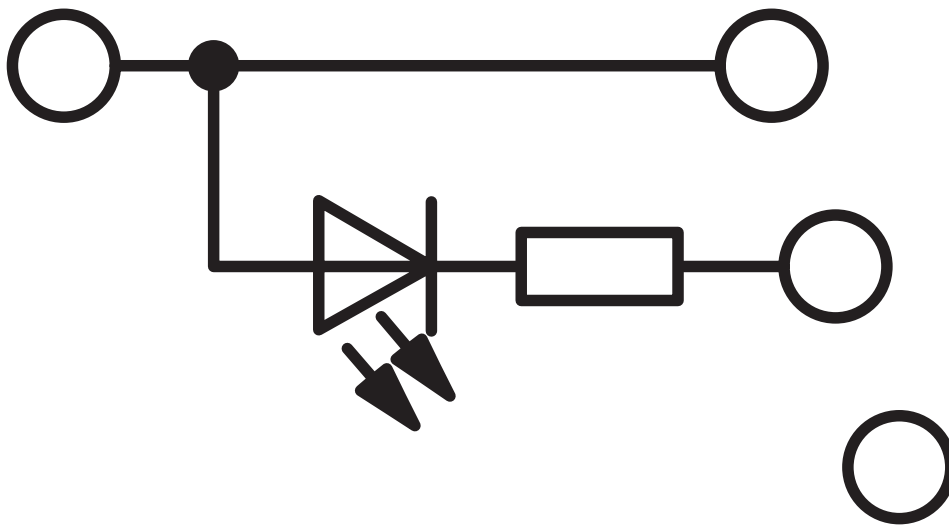
Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

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

Drawings

Circuit diagram



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The diagram shows a 10-pole circuit breaker assembly. The top row of poles includes two poles with open switches and positive polarity (+) markings, and eight poles with closed switches. The bottom row of poles includes a motor (M) and a thermal relay (Z) on the third pole from the left, and eight poles with closed switches. A blue line connects the top terminals of the first eight poles to the top terminal of the ninth pole. A red line connects the bottom terminals of the first eight poles to the bottom terminal of the ninth pole. The ninth pole is connected to a terminal with negative polarity (-) and a red line, and another terminal with positive polarity (+) and a blue line. The entire assembly is flanked by two terminal blocks with ground symbols.

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Approvals

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	CSA			
	Approval ID: 13631			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG
		300 V	15 A	28 - 14
				Cross section mm ²
				-

	EAC			
	Approval ID: RU C-DE.BL08.B.00534			

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Classifications

ECLASS

ECLASS-11.0	27141128
ECLASS-12.0	27141128
ECLASS-13.0	27250112

ETIM

ETIM 9.0	EC000900
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Hexahydromethylphthalic anhydride
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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