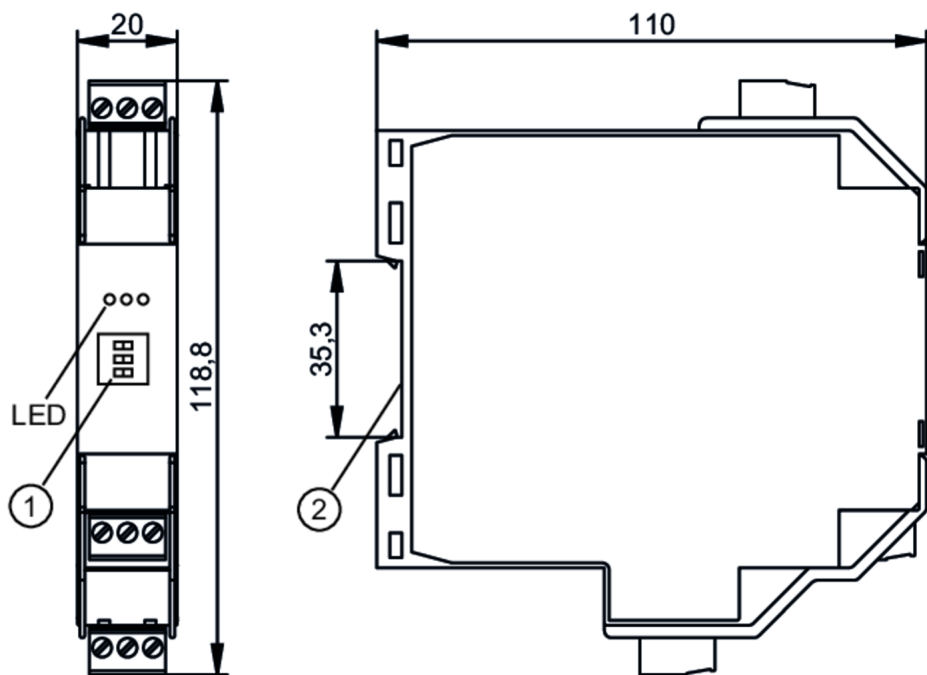


N0030A



Switching amplifiers for Namur sensors

NV1121/115VAC/RL/1D/1G



- 1 selector switch
2 Mounting on DIN rail



Application

Design

housing for DIN rail mounting

Application

short-circuit monitoring; Wire break monitoring

Electrical data

Operating voltage tolerance	[%]	-10...10
Operating voltage	[V]	115 AC
Max. power consumption	[VA]	1
Number of channels		1

Outputs

Electrical design	Relay; (1 changeover contact)
Contact rating	253 V AC / 2 A / $\cos \phi > 0,7$ // 40 V DC / 2 A; (resistive load)
Switching frequency AC	[Hz] 10

Operating conditions

Ambient temperature	[°C] -20...60
Protection	IP 20

Tests / approvals

Approval	PTB 02 ATEX 2035; IECEx PTB 17.0023	
ATEX marking	II (1) G [Ex ia Ga] IIC	
	II (1) D [Ex ia Da] IIIC	
EMC	EN 50081-2	(1993)
	EN 61326-1	(2006)

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Switching amplifiers for Namur sensors

NV1121/115VAC/RL/1D/1G

MTTF	[years]	458
Mechanical data		
Weight	[g]	198
Housing		rectangular
Type of mounting		Mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	118.8 x 20 x 110
Switching cycles mechanical		10 million
Displays / operating elements		
Display	Switching status	LED, yellow
	Power	LED, green
	Function	LED, red
Remarks		
Remarks	Caution The control monitor must be mounted outside the hazardous area.	
	Free terminals must not be used.	
Pack quantity		1 pcs.



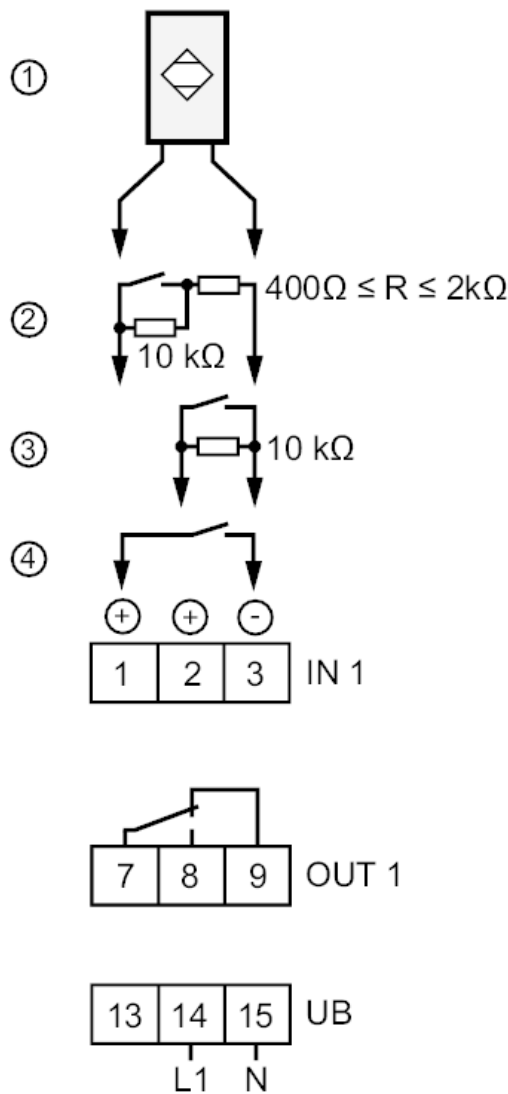
Switching amplifiers for Namur sensors

NV1121/115VAC/RL/1D/1G

Electrical connection

terminals: ...2.5 mm²

Connection



Other data

Maximum values for control circuit

in protection rating	[EEx ia] IIC	[EEx ia] IIB	[EEx ib] IIC	[EEx ib] IIB
intrinsic safety				
Voltage [V]	10.6	10.6	10.6	10.6
Current [mA]	19.1	19.1	19.1	19.1
Power [mW]	51	51	51	51
External inductance [mH]	97	390	97	390
External capacitance [μF]	2.32	16.2	2.32	16.2