

N00221

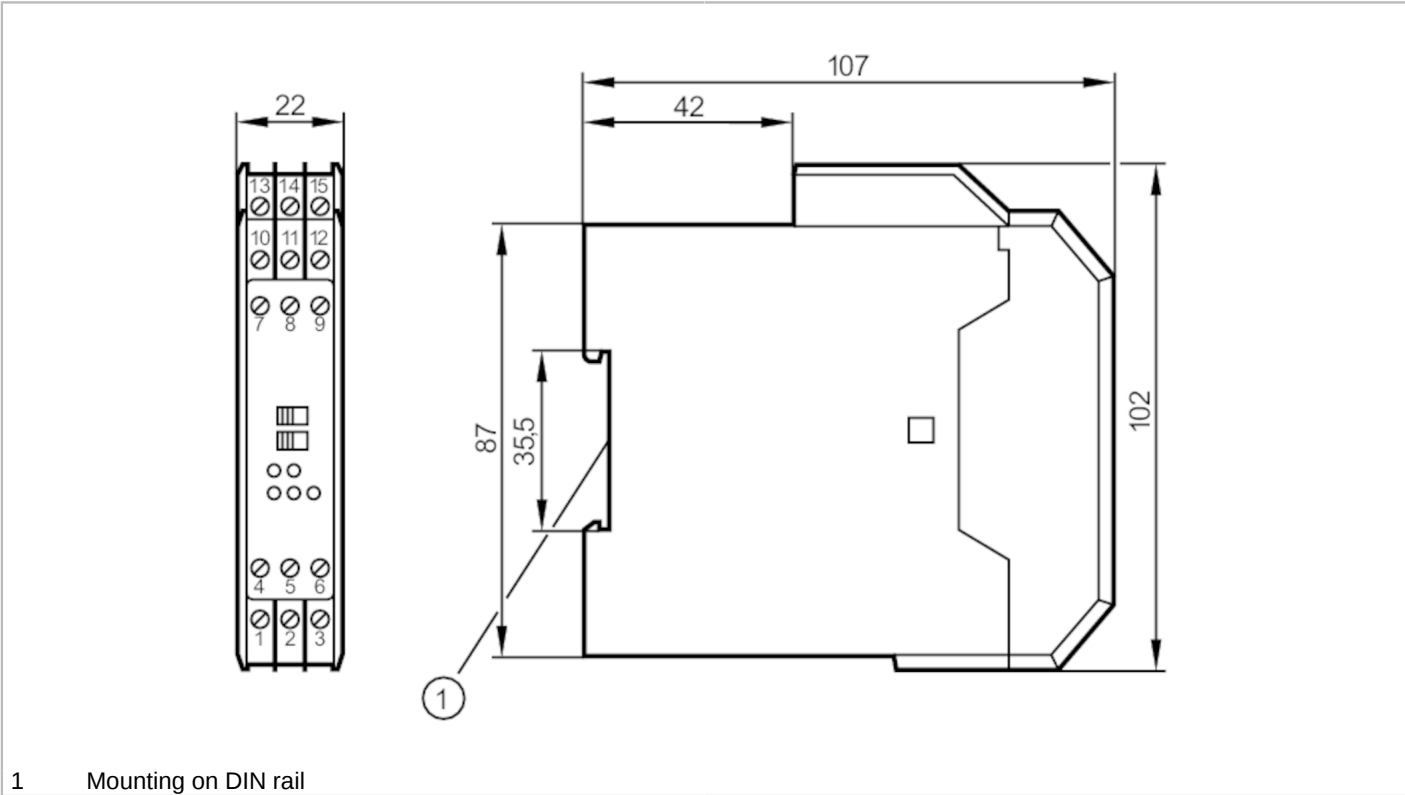


Switching amplifiers for Namur sensors

NV0201 115VAC,RL

Article no longer available - archive entry

Alternative articles: N0032A  
When selecting an alternative article and accessories please note that technical data may differ!



Application		
Application		short-circuit monitoring; Wire break monitoring
Electrical data		
Operating voltage tolerance	[%]	-15...10
Operating voltage	[V]	< 115 AC
Number of channels		2
Outputs		
Electrical design		Relay
Contact rating		5 A, 250 V AC / 100 VA
Switching frequency AC	[Hz]	20
Operating conditions		
Ambient temperature	[°C]	-20...60
Protection		IP 30
Protection rating terminals		IP 20
Tests / approvals		
Approval		PTB Ex-95.C.2142X



## Switching amplifiers for Namur sensors

NV0201 115VAC,RL

Safety classification	
Description	in protection rating intrinsic safety
Voltage [V]	< 11
Current [mA]	< 26
Power [mW]	< 72
[Ex ia] IIC designation	[EEx ia] IIC
[Ex ia] IIB designation	[EEx ia] IIB
[Ex ib] IIC designation	[EEx ib] IIC
[Ex ib] IIB designation	[EEx ib] IIB
[Ex ia] IIC inductance	1mH / 2mH / 5mH
[Ex ia] IIB inductance	1mH / 2mH / 5mH
[Ex ib] IIC inductance	46mH
[Ex ib] IIB inductance	170mH
[Ex ia] IIC capacitance	567nF / 581nF / 483nF
[Ex ia] IIB capacitance	2.5μF / 2.2μF / 1.8μF
[Ex ib] IIC capacitance	2.5μF
[Ex ib] IIB capacitance	15μF

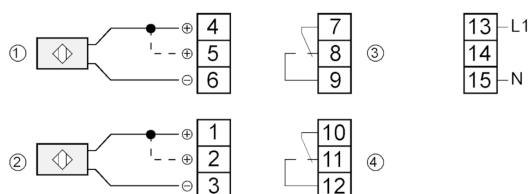
Mechanical data	
Housing	housing for DIN rail mounting
Dimensions [mm]	102 x 22 x 107

Displays / operating elements		
Display	Switching status	2 x LED, yellow
	Power	LED, green
	Function	2 x LED, red

Remarks	
Pack quantity	1 pcs.

Electrical connection	
terminals: 15 x ...2.5 mm <sup>2</sup>	

Connection	
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- 1: sensor 1  
 2: sensor 2  
 3: Relais 1  
 4: Relais 2  
 bridge 4-5 / 1-2 = without wire-break monitoring