

N00221

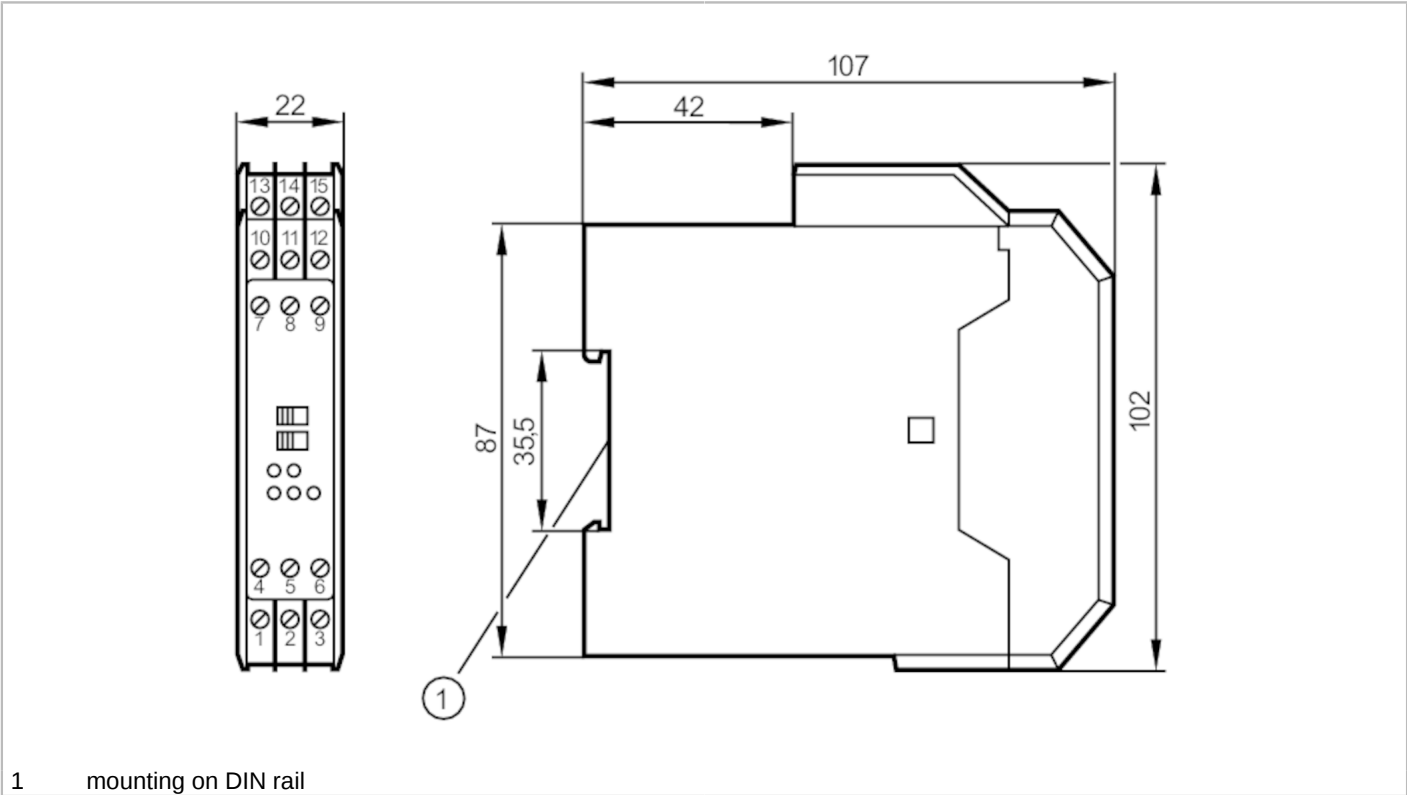


Switching amplifiers for Namur sensors

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 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



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Safety classification		
Designation	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
	operation	LED, green
	function	2 x LED, red
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
terminals: 15 x ...2.5 mm²		
Connection		
① ② ③ ④ 13-L1 14 15-N		
1:	sensor 1	
2:	sensor 2	
3:	Relais 1	
4:	Relais 2	
link 4-5 / 1-2 = without wire-break monitoring		