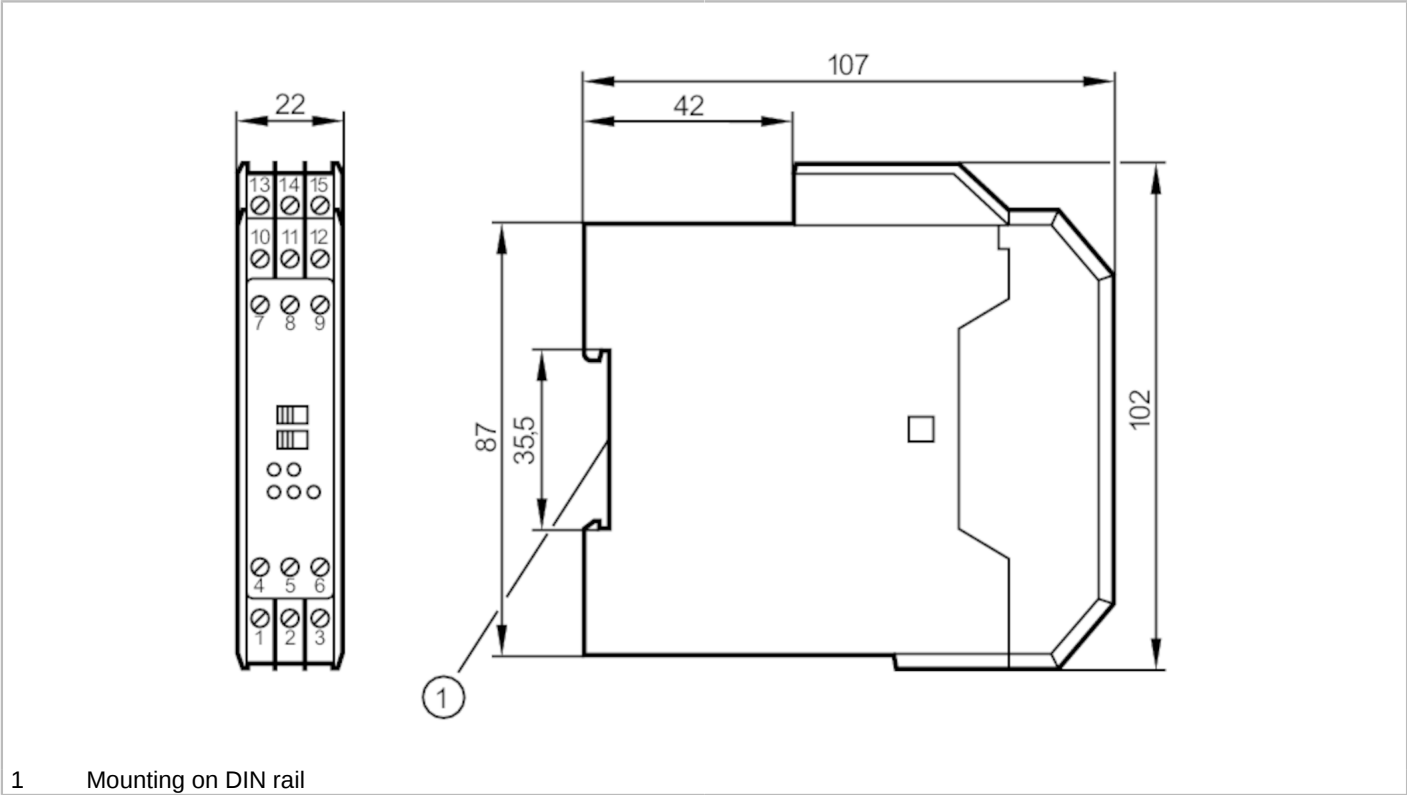




Switching amplifiers for Namur sensors

NV0201 200VAC,RL

Article no longer available - archive entry



Application		
Application		short-circuit monitoring; Wire break monitoring
Electrical data		
Operating voltage tolerance	[%]	-15...10
Operating voltage	[V]	< 200 AC
Number of channels		2
Outputs		
Electrical design		Relay
Contact rating		5 A, 250 V AC / 100 VA
Switching frequency DC	[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
Safety classification		
Description		in protection rating intrinsic safety
Voltage	[V]	< 11
Current	[mA]	< 26



Switching amplifiers for Namur sensors

NV0201 200VAC,RL

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

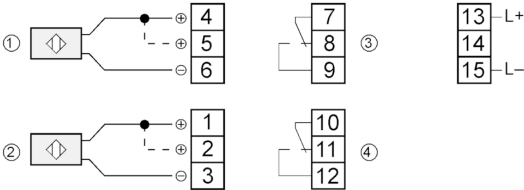
Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: 15 x ...2.5 mm²

Connection



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