

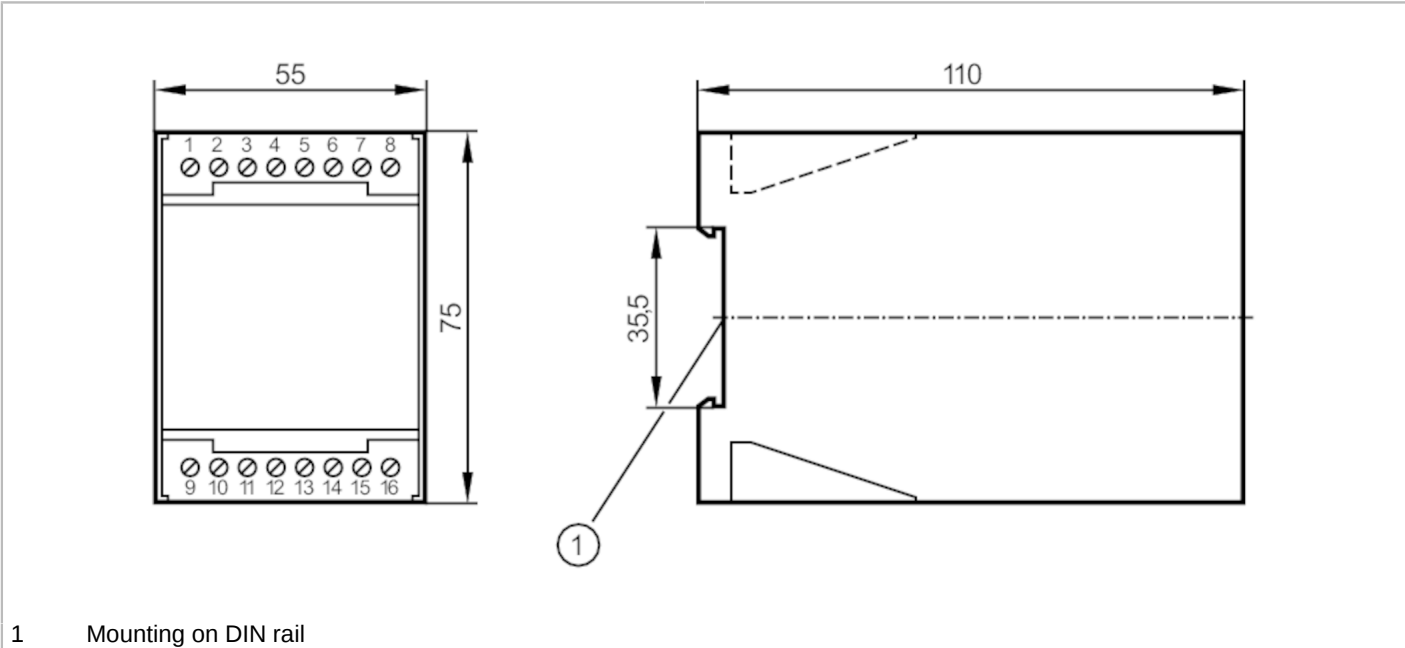


Switching amplifiers for Namur sensors

NV0100/220VAC

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Alternative articles: N0031A
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Application		
Application	short-circuit monitoring; Wire break monitoring	
Electrical data		
Operating voltage tolerance	[%]	-15...10
Operating voltage	[V]	< 220 AC
Number of channels		1
Outputs		
Electrical design		Relay
Contact rating		4 A, 250 V AC / 500 VA
Switching frequency DC	[Hz]	10
Operating conditions		
Ambient temperature	[°C]	-20...60
Protection		IP 30
Protection rating terminals		IP 20
Tests / approvals		
Approval	PTB Ex-84/2066X	
Safety classification		
Description	in protection rating intrinsic safety	
Voltage	[V]	< 13,4
Current	[mA]	< 18,5
Power	[mW]	< 62

N00101



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[Ex ia] IIC designation	[EEx ia] IIC
[Ex ia] IIB designation	[EEx ib] IIC
[Ex ia] IIC inductance	1mH / 3mH
[Ex ia] IIB inductance	90mH
[Ex ia] IIC capacitance	390nF / 345nF
[Ex ia] IIB capacitance	660nF

Mechanical data

Housing	housing for DIN rail mounting
Dimensions [mm]	75 x 55 x 110

Displays / operating elements

Display	Switching status	LED, red
	Power	LED, green

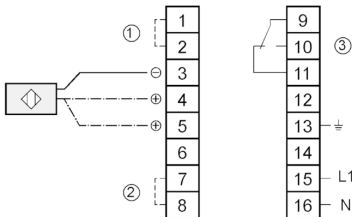
Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: 16 x ...2.5 mm²

Connection



- 1: Wire break monitoring#
- 2: Output function
- 3: Relais