

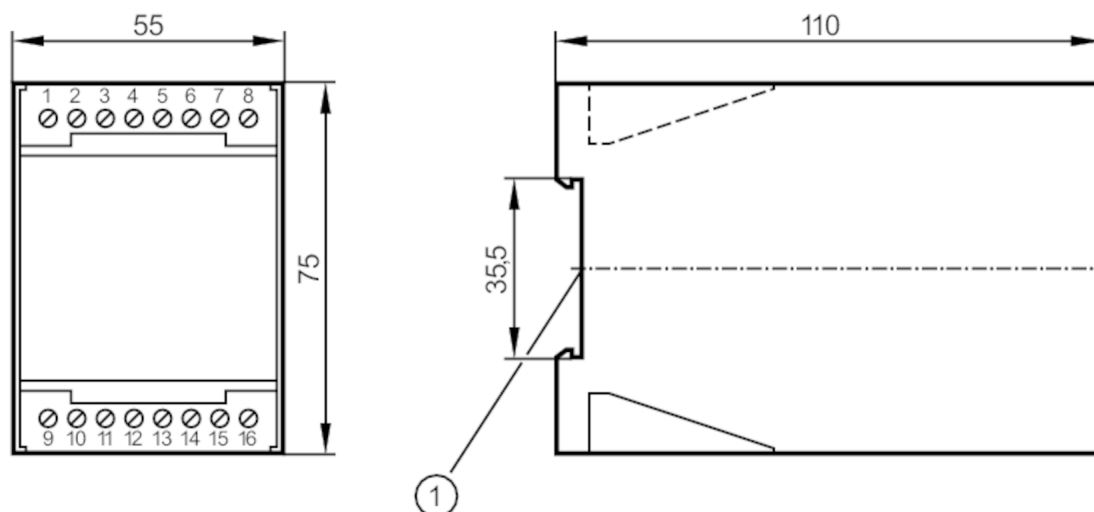
Switching amplifiers for Namur sensors

NV0100/110VAC

Article no longer available - archive entry

Alternative articles: N0030A

When selecting an alternative article and accessories please note that technical data may differ!



1 mounting on DIN rail



Application

Application	short-circuit monitoring; Wire monitoring
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Electrical data

Operating voltage tolerance	[%]	-10...10
Operating voltage	[V]	< 110 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
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Safety classification

Designation	in protection rating intrinsic safety	
Voltage	[V]	< 13,4
Current	[mA]	< 18,5
Power	[mW]	< 62



Switching amplifiers for Namur sensors

NV0100/110VAC

[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
	operation	LED, green

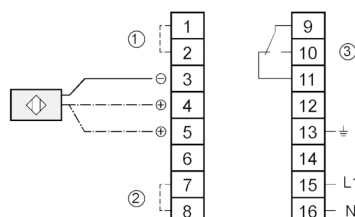
Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: 16 x ...2.5 mm²

Connection



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