



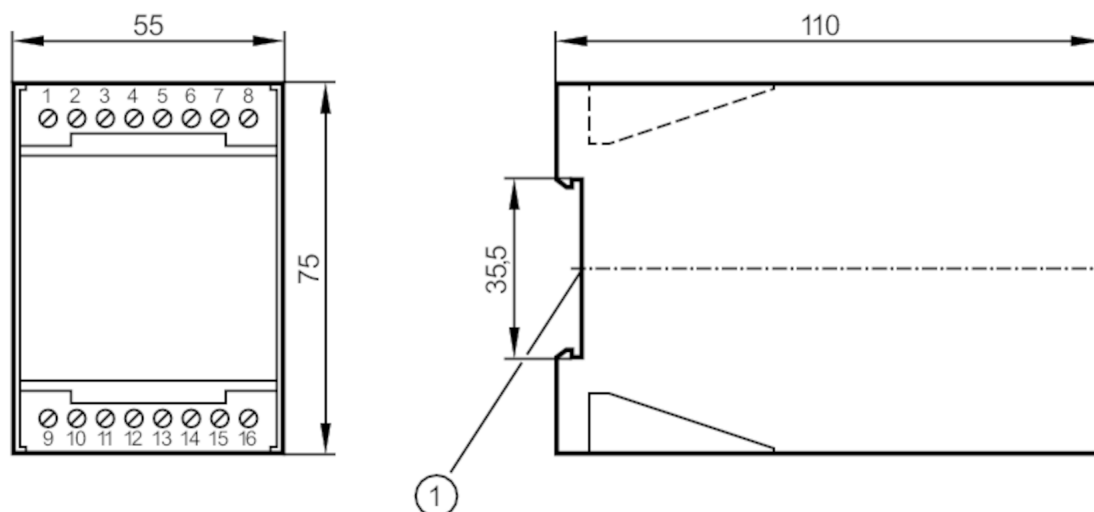
Switching amplifiers for Namur sensors

NV0100/120VAC

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 break monitoring

Electrical data

Operating voltage tolerance [%]

-10...10

Operating voltage [V]

< 120 AC

Number of channels

1

Outputs

Electrical design

Relay

Contact rating

4 A, 250 V AC / 500 VA

Switching frequency AC [Hz]

10

Operating conditions

Ambient temperature [°C]

-20...60

Protection

IP 30

Protection rating terminals

IP 20

Tests / approvals

Approval

FM J.I. 4V3A1.AX (3610)

Safety classification

Description

in protection rating intrinsic safety

Voltage [V]

< 13,4

Current [mA]

< 18,5

Power [mW]

< 62

N00110



Switching amplifiers for Namur sensors

NV0100/120VAC

[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

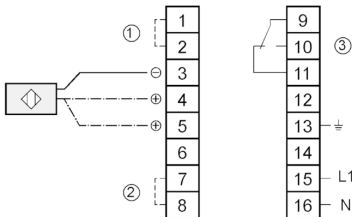
Remarks

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