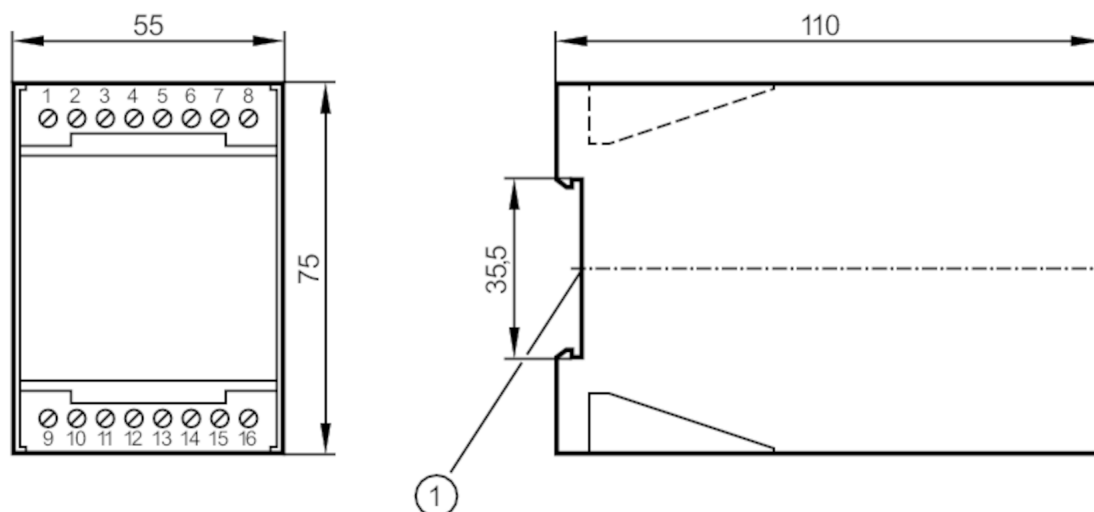# N00110

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

CE

Application	
Application	short-circuit monitoring; Wire 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	
Designation	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

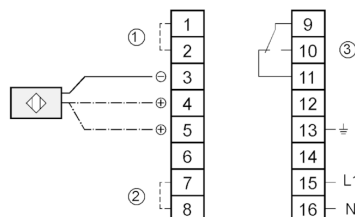## Displays / operating elements

Display	switching status	LED, red
	operation	LED, green

Remarks

Pack quantity	1 pcs.

Electrical connection

terminals: 16 x ...2.5 mm²

Connection

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