

N05206



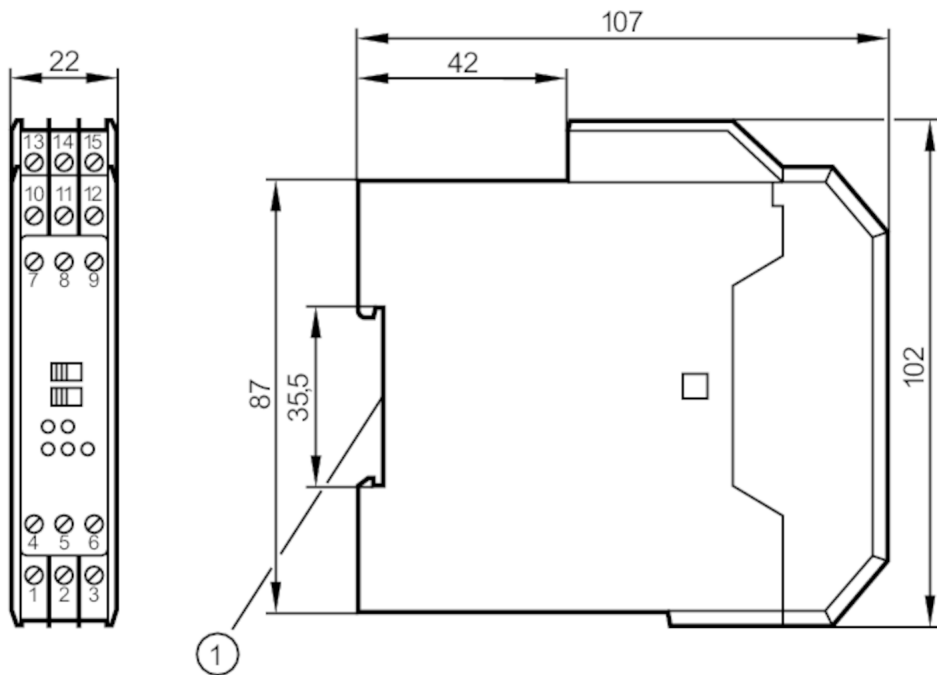
Switching amplifiers for Namur sensors

NV0202 20-30VDC,TR

Article no longer available - archive entry

Alternative articles: N0534A

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 [%]

-15...20

Operating voltage [V]

20...30 DC

Number of channels

2

Outputs

Switching frequency DC [Hz]

200

Operating conditions

Ambient temperature [°C]

-20...60

Protection

IP 30

Protection rating terminals

IP 20

Tests / approvals

Approval

PTB Ex-95.C.2143X

Safety classification

Description

in protection rating intrinsic safety

Voltage [V]

< 11



Switching amplifiers for Namur sensors

NV0202 20-30VDC,TR

Current	[mA]	< 26
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

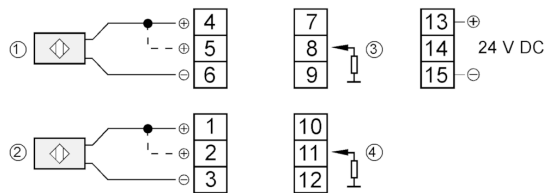
Remarks

Pack quantity	1 pcs.
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Electrical connection

terminals: 15 x ...2.5 mm²

Connection



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