N00102

Switching amplifiers for Namur sensors

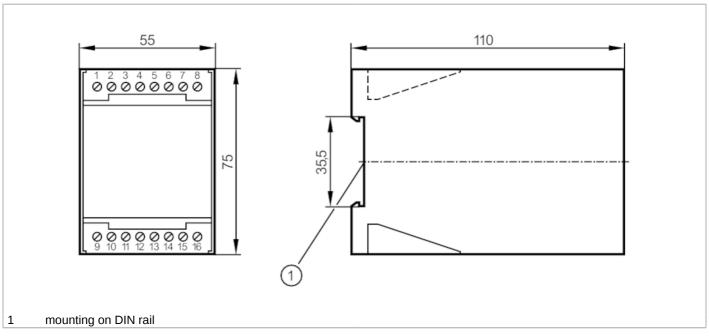
NV0100/110VAC



Article no longer available - archive entry

Alternative articles: N0030A

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





Application							
Application		short-circuit monitoring; Wire monitoring					
Electrical data							
Operating voltage tolerance	[%]	-1010					
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]	-2060					
Protection		IP 30					
Protection rating terminals		IP 20					
Tests / approvals							
Approval		PTB Ex-84/2066X					
Safety classification							
Designation		in protection rating intrinsic safety					
Voltage	[V]	< 13,4					
Current	[mA]	< 18,5					
Power	[mW]	< 62					

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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 / operat	ing elements					
Display		switching status		LED, red		
		operation		LED, green		
Remarks						
Pack quantity		1 pcs.				
Electrical connec	tion					
terminals: 16 x2.	.5 mm²					
Connection						
		① [1 2 2 3 4 4 5 5 6 6 8 2 [8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 12 13 14 15 – L1			
1: 2: 3:	Wire monitoring# Output function Relais					