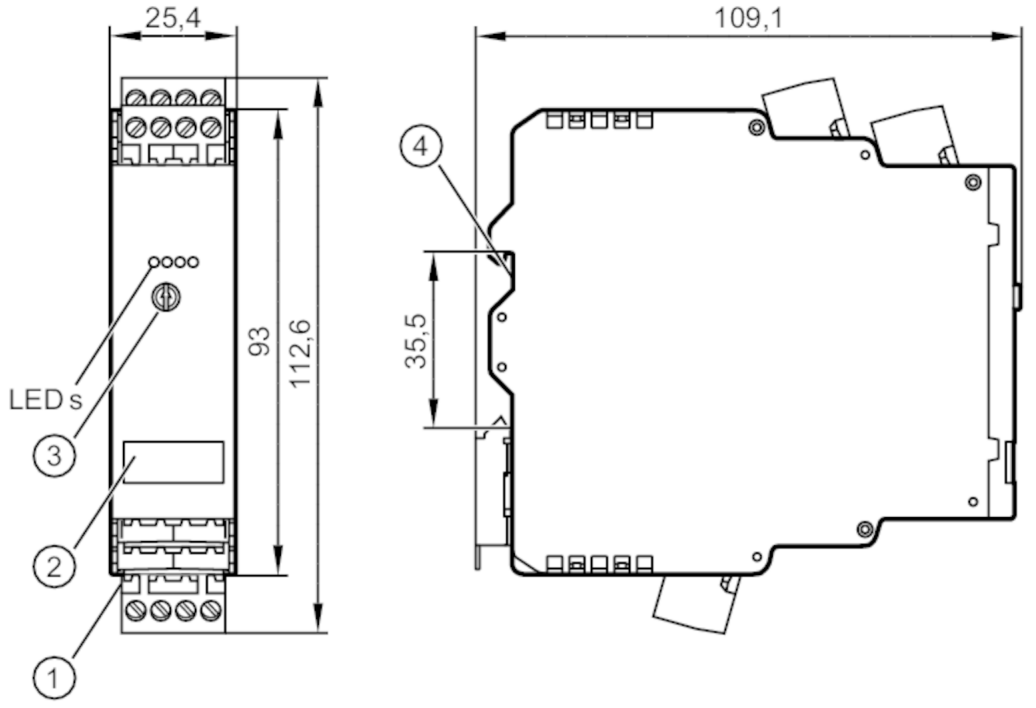
DN0210

Switching amplifier

N200/SA-1 110-240VAC



1 plug-in screw terminals
2 panel for labelling
3 potentiometer
4 Mounting on DIN rail

Product characteristics		
Housing		housing for DIN rail mounting
Application		
Application		Power supply and signal evaluation
Electrical data		
Nominal voltage AC	[V]	110...240
Nominal voltage tolerance	[%]	> 20
Nominal voltage tolerance 2	[%]	20...10
Nominal frequency AC	[Hz]	50...60
Insulation rating	[V]	9
Max. power consumption AC	[W]	11
Auxiliary energy for sensors DC	[V]	24; (SELV, ± 10 %, 300 mA)
Number of channels		1
Inputs / outputs		
Number of inputs and outputs		Number of relay outputs: 1
Outputs		
Number of relay outputs		1
Contact rating		4 A (240 V AC, 24 V DC); (resistive load)

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Operating conditions			
Ambient temperature	[°C]	-20...60	
Storage temperature	[°C]	-25...70	
Max. relative air humidity	[%]	80; (40 °C: 50 % non condensing)	
Max. height above sea level	[m]	3000	
Protection		IP 20	
Protection rating terminals		IP 20	
Degree of soiling		2; (≤ 240 V AC)	
Tests / approvals			
MTTF	[years]	290	
Mechanical data			
Weight	[g]	214	
Housing		housing for DIN rail mounting	
Type of mounting		rail; (TH35 EN 60715)	
Material		plastics: PC-GF20	
Displays / operating elements			
Display		voltage supply	1 x LED, green
		Output	1 x LED, yellow
		errors	1 x LED, red
Accessories			
Items supplied		connector: 3 x 4-wire, with screw connection	

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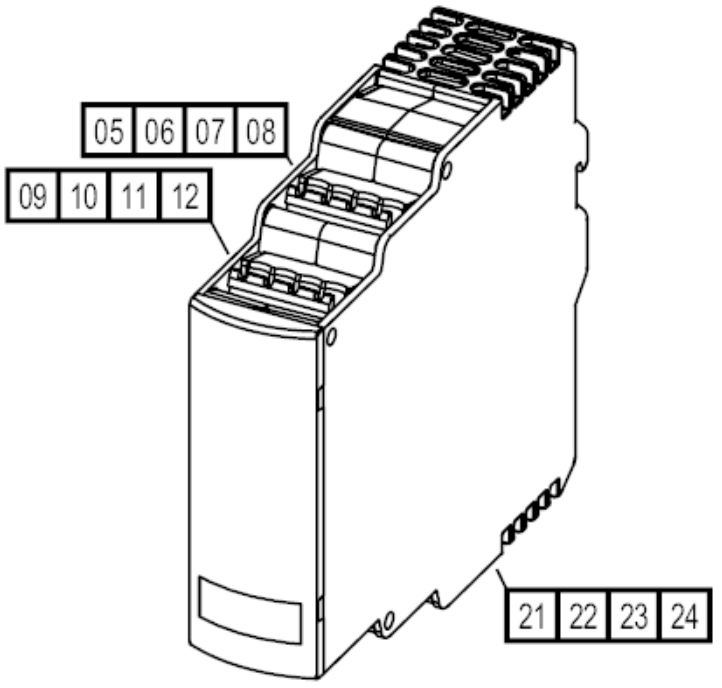
Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



05	Relay normally open
06	Relay common
07	Relay common
08	Relay normally closed
09	DC Sensor supply (+)
10	sensor signal pnp/npn
11	not used
12	DC Sensor supply (-)
21	AC Supply voltage (L)
22	AC Supply voltage (L)
23	AC Supply voltage (N)
24	AC Supply voltage (N)