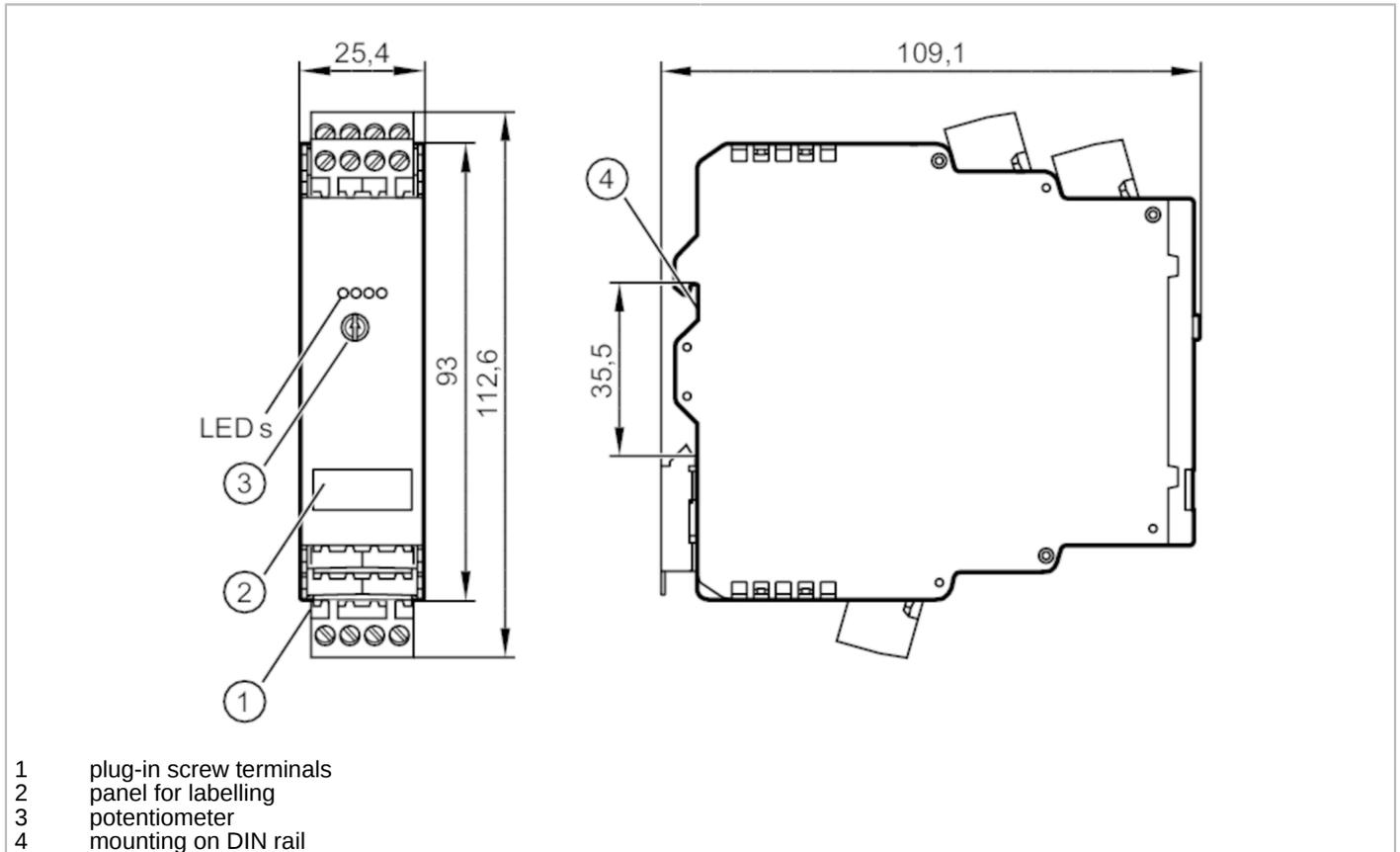


DN0210



Switching amplifier

N200/SA-1 110-240VAC



Product characteristics	
Housing	housing for DIN rail mounting
Dimensions [mm]	112.6 x 25.4 x 109.1
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
Inputs	
Input circuit of digital inputs	PNP/NPN

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Switching amplifier

N200/SA-1 110-240VAC

Outputs		
Number of relay outputs	1	
Contact rating	4 A (240 V AC, 24 V DC); (ohmic resistance)	
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	
Pollution degree	2; (\leq 240 V AC)	
Tests / approvals		
MTTF [years]	290	
Mechanical data		
Weight [g]	214	
Housing	housing for DIN rail mounting	
Type of mounting	mounting on DIN rail; (TH35 (EN 60715))	
Dimensions [mm]	112.6 x 25.4 x 109.1	
Materials	plastics: PC-GF20	
Displays / operating elements		
Display	power supply	1 x LED, green
	Output	1 x LED, yellow
	errors	1 x LED, red
Accessories		
Items supplied	connector: 3 x 4-pole, with screw connection	

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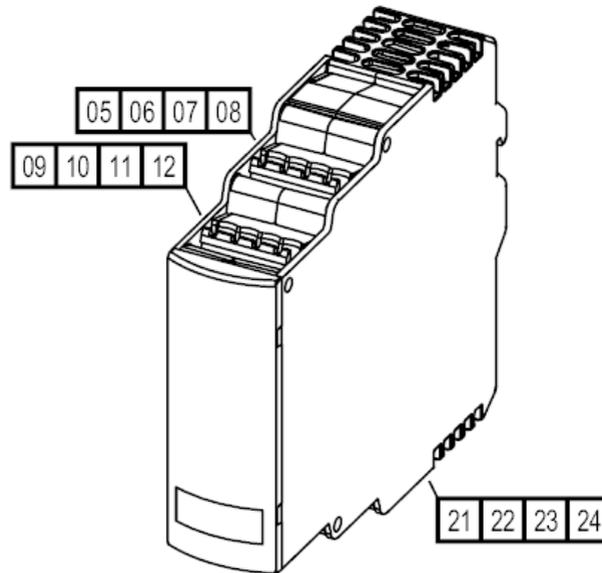
Switching amplifier

N200/SA-1 110-240VAC

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)