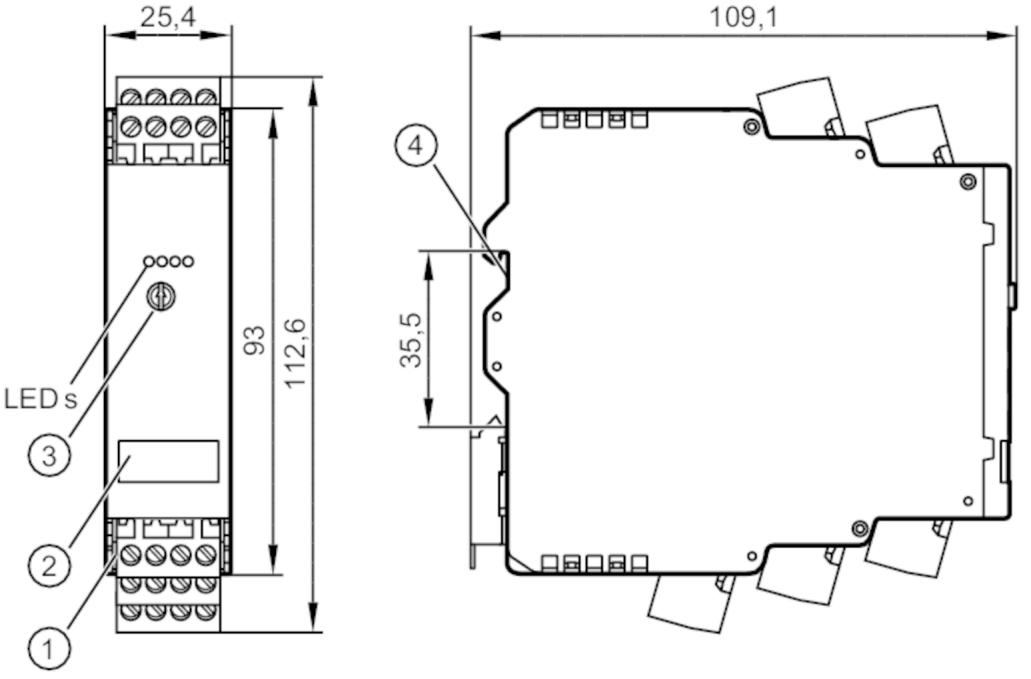
DN0220

Switching amplifier

N200/SA-2 110-240VAC



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

Product characteristics		
Housing		rectangular
Dimensions	[mm]	112.6 x 25.4 x 109.1
Application		
Design		housing for DIN rail mounting
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 %, 2 x ≤ 150 mA)
Number of channels		2
Inputs / outputs		
Number of inputs and outputs		Number of relay outputs: 2
Inputs		
Input circuit of digital inputs		PNP/NPN

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Outputs			
Number of relay outputs			2
Contact rating			4 A (240 V AC, 24 V DC); (resistive load)
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]		215
Mechanical data			
Weight	[g]		240.5
Housing			rectangular
Type of mounting			Mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]		112.6 x 25.4 x 109.1
Material			housing: PC-GF20
Displays / operating elements			
Display		voltage supply	1 x LED, green
		Output	2 x LED, yellow
		errors	1 x LED, red
Accessories			
Items supplied			connector: 5 x 4-wire, with screw connection, E40173
Remarks			
Pack quantity			1 pcs.

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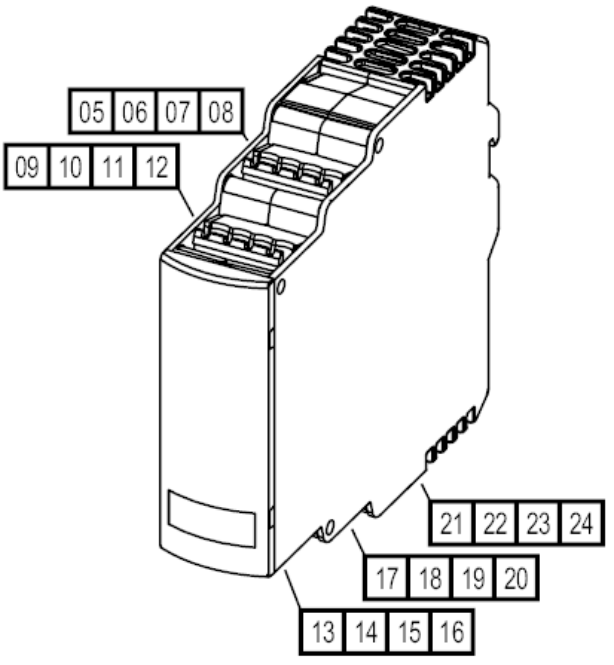
Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



05	Relay 1 normally open
06	Relay 1 common
07	Relay 1 common
08	Relay 1 normally closed
09	DC Sensor supply 1 (+)
10	sensor signal 1 pnp/npn
11	not used
12	DC Sensor supply 1 (-)
13	DC Sensor supply 2 (+)
14	sensor signal 2 pnp/npn
15	not used
16	DC Sensor supply 2 (-)
17	Relay 2 normally open
18	Relay 2 common
19	Relay 2 common
20	Relay 2 normally closed
21	AC Supply voltage (L)
22	AC Supply voltage (L)
23	AC Supply voltage (N)
24	AC Supply voltage (N)