

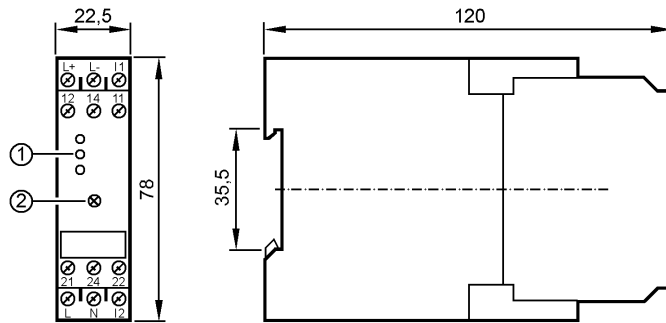
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ecomat200
 DN0200



N602/110-240VAC/24VDC/2chan

Evaluation systems, power supplies



- 1: 3 LED
- 2: rotary switch (sensor type)



Product characteristics

Amplifier

N602

Housing for DIN rail mounting

2-channel

selectable for pnp and npn switching sensors

Output 24 V DC / 300 mA

short-circuit and overload protection

Application

Application

power supply and signal evaluation (e.g. for sensors)

Switching output

2 relays (1 changeover contact per channel)

Electrical data

Operating voltage [V]

110...240 AC (47...63 Hz) / 105...260 DC

Voltage tolerance [%]

-15 / +10

Current consumption [mA]

270 (115 V AC), 140 (230 V AC)

Sensor supply [V]

24 V DC \pm 3 % (max. 300 mA)

Efficiency

84 %

Inputs

Inputs

2-/3-wire, PNP or NPN selectable
 input resistance Ri: approx. 2.5 kOhm
 switching threshold: I1/I2 > 7 mA / > 6.5 V

Outputs

Relay

Contact rating

250 V AC / 3 A *)

Switching cycles min.

30 million

Switching frequency [Hz]

approx. 2 (max.)

Environment

Ambient temperature [°C]

0...55

Storage temperature [°C]

-25...75

Protection housing / terminals

IP 50 / IP 20

Tests / approvals

EMC

EN 50081-2
 EN 61000-6-2

Mechanical data

Housing materials

plastics

DN0200 - Amplifier - eclass: 27049002 / 27-04-90-02

Weight	[kg]	0.188
Displays / operating elements		
Power	LED	green
Output status indication	LED	yellow (lights when the output relay is energised)
Electrical connection		
Connection		dual-chamber terminals 2 x 2.5 mm ² (2 x AWG 14)
Wiring		
L/N:	AC/DC Supply voltage	<p>DCout 11</p> <p>L+ L- 11</p> <p>12 14 11</p> <p>21 24 22</p> <p>L N 12</p> <p>AC/DC 11</p>
L+/L-:	24 V DC Sensor supply	
I1:	signal input 1	
I2:	signal input 2	
11:	Relay 1 (common)	
12:	Relay 1 (normally closed)	
14:	Relay 1 (normally open)	
21:	Relay 2 (common)	
22:	Relay 2 (normally closed)	
24:	Relay 2 (normally open)	
Remarks		
Remarks		overvoltage category II; degree of soiling 2 *) utilisation category AC 12: 4 A / AC 15: 3 A
Pack quantity	[piece]	1

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