



Main features

- Input from up to 4 level sensing rods
- Output: 2 SPDT relays
- Front adjustable sensibility
- Galvanic separation
- DIN rail mounted

Benefits

- Control of two independent pumps
- Control of two independent tanks
- Control of level and one alarm (min or max) in one tank
- Normally Open or Normally Closed, selectable
- Easy configurable

Technical specifications

Power supply	230 VAC , +10%/-15%
Frequency	50/60 Hz
Power consumption	3,2 VA
Input	10...100 KΩ (adjustable)
Probe voltage	24 VAC
Probe current	4 mA
Output	2 × SPDT relay, galvanic insulated
Resistive load	8 A / 250 VAC 0,25 A / 200 VDC 8 A / 24 VDC
Inductive load	2,5 A / 250 VAC 4 A / 24 VDC
Life time	>30 × 10 ⁶ operations
LED indicator	Green Power on Red Relay on

Mechanical specifications and environment

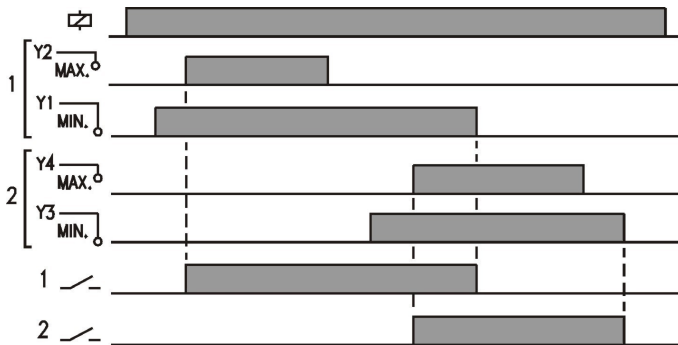
Housing	Light gray Cyclcoly
Humidity	30...85% RH
Ambient temperature	-20...50°C
Protection class	IP20
Weight	270 g

Confirm to

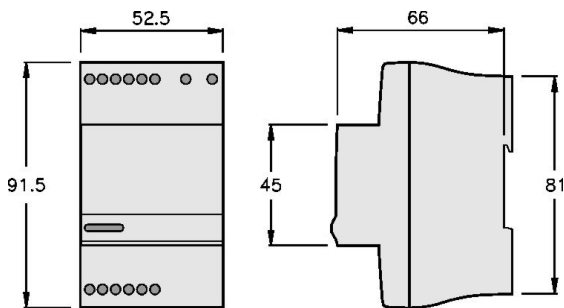
EU directives	EMC 2004/108/EEC LVD 2006/95/EEC UL91V0
---------------	---

Double level control unit SNDA-230.100

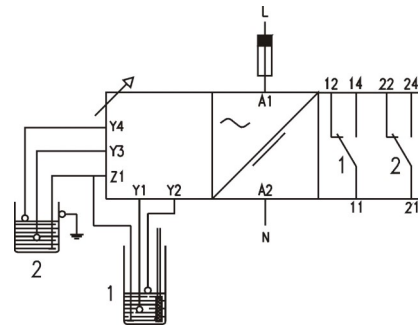
Operating diagram



Dimensions



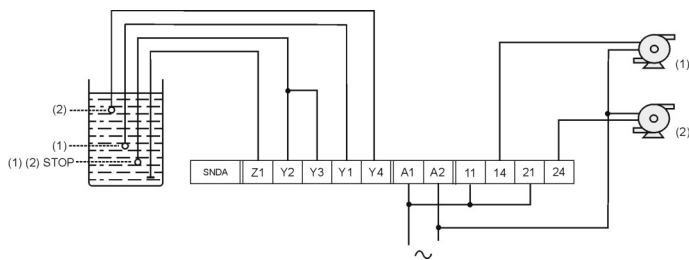
Connection diagram



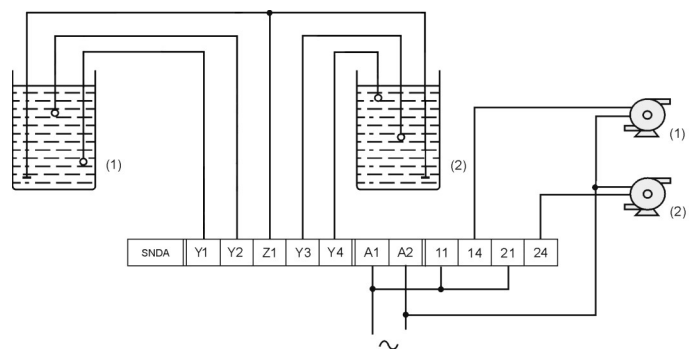
- | | | |
|---|-----------------------|----------------------|
| Y1 Probe 1 | L Supply phase | 11 Relay 1 in |
| Y2 Probe 2 | N Supply 0 | 12 Relay 1 NC |
| Y3 Probe 3 | | 14 Relay 1 NO |
| Y4 Probe 4 | | 21 Relay 2 in |
| Z1 Reference
(tank or separate reference rod) | | 22 Relay 2 NC |
| | | 24 Relay 2 NO |

Application examples

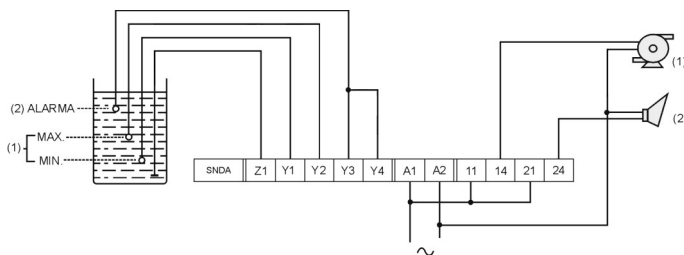
Filling control of two pumps



Filling control of two independent units



Filling control and alarm of max. level



Ordering details

Double Level control unit

Type code: **SNDA-230.100**
Mat. number: 11150193