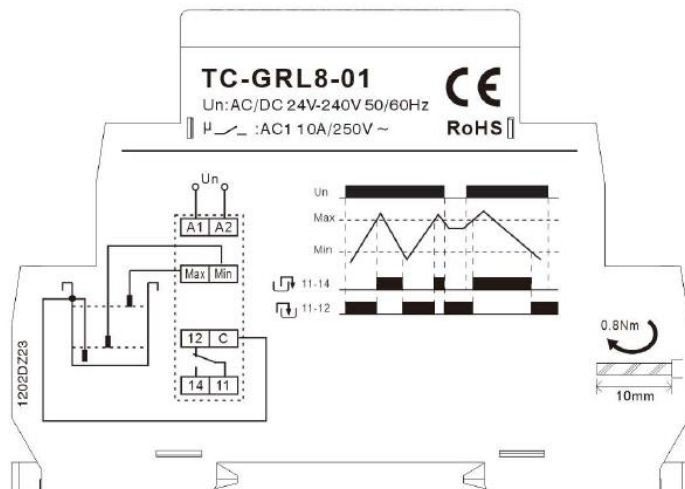
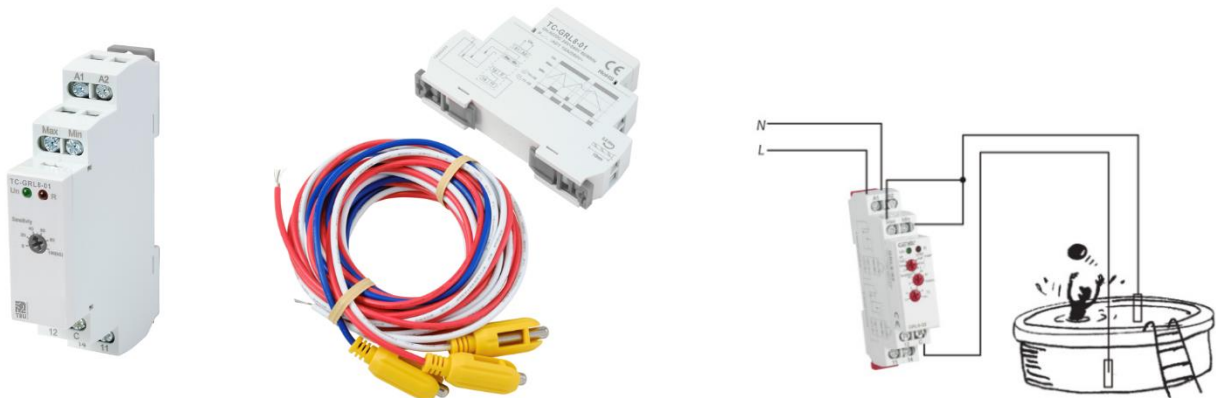


Item no.: 2490686

Data Sheet

Level control relay

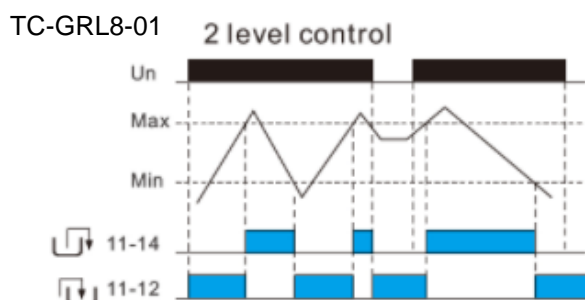
TC-GRL8-01



Applications

- Monitoring level in well, sump, tanks, pool and silo e.t.c.

Function Diagram



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Data Sheet

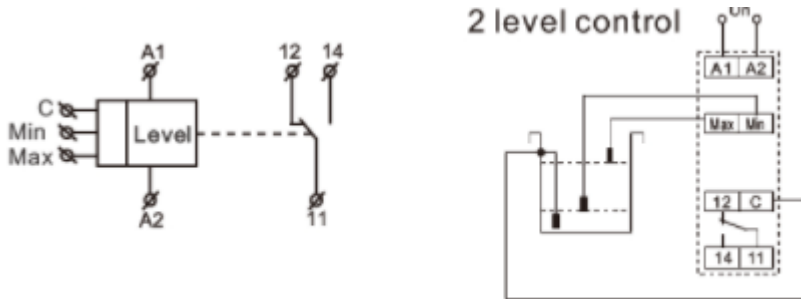
Technical data

Function	2 level control mode
Supply terminals	A1-A2
Voltage range	AC/DC 24-240V(50-60Hz)
Power consumption	max.2VA
Supply voltage tolerance	-15%;+10%
Sensitivity (input resistance)	adjustable in range 5 k Ω -100 k Ω
Detective voltage in electrodes	max. AC 5 V
Current in electrodes	AC <0.1 mA
Time response	max. 400 ms
Max. capacity length	800 m (sensitivity 25k Ω), 200 m (sensitivity 100 k Ω)
Max. capacity of electrodes cable	400 nF (sensitivity 25k Ω), 100 nF (sensitivity 100 k Ω)
Time delay (t)	adjustable, 0.1 -10 s
Accuracy in setting (mechanical)	\pm 10 %
Temperature coefficient	0.05%/ $^{\circ}$ C,at=20 $^{\circ}$ C
Output	1 \times SPDT
Current rating	1 \times 10A(AC1)
Switching voltage	250VAC/24VDC
Min. switching power DC	500mW
Output indication	red LED
Mechanical life	1 \times 10 ⁷
Electrical life (AC1)	1 \times 10 ⁵
Reset time	max.200ms
Operating temperature	-20 $^{\circ}$ C to+55 $^{\circ}$ C
Storage temperature	-35 $^{\circ}$ C to+75 $^{\circ}$ C
Mounting/DIN rail	Din rail EN/IEC 60715
Protection degree	IP40 for front panel/IP20 terminals
Mounting attitude	\leq 2000 m
Overvoltage cathegory	III.
Pollution degree	2
Max. cable size(mm 2)	solid wire max. 1 \times 2.5mm ² or 2 \times 1.5mm ² ; 0.8 Nm
Dimensions	90 \times 18 \times 64mm
Weight	70g
Standards	EN 60255-1

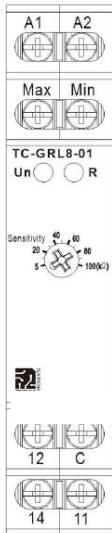
Item no.: 2490686

Data Sheet

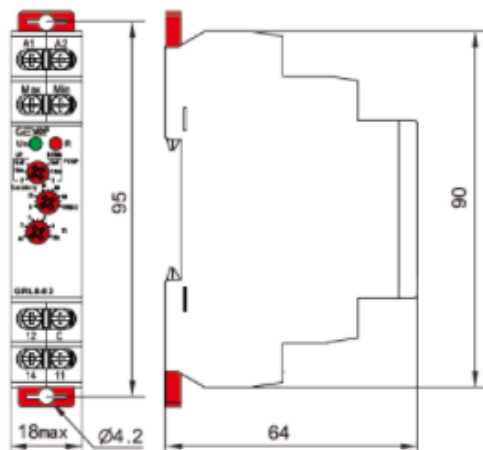
Wiring Diagram



Panel Diagram



Dimensions(mm)



Item no.: 2490686

Data Sheet

Liquid level probe



Applications

- Probe for matching liquid level relay

Function Features

- The metal part of the probe is made of 304 stainless steels
- Cables of 3 different colors are used to distinguish different electrodes
- The manufacturing material has good corrosion resistance

Technical data

Probe material: 304 stainless steel

Cable material: Copper core PVC (20AWG)

Plastic material: PA66

Operating temperature: 0°C to +60°C

Storage temperature: -35°C to +75°C

Dimensions (mm)

Blue cable: 1.5 m

Red cable: 3 m

White cable: 3.5 m

