

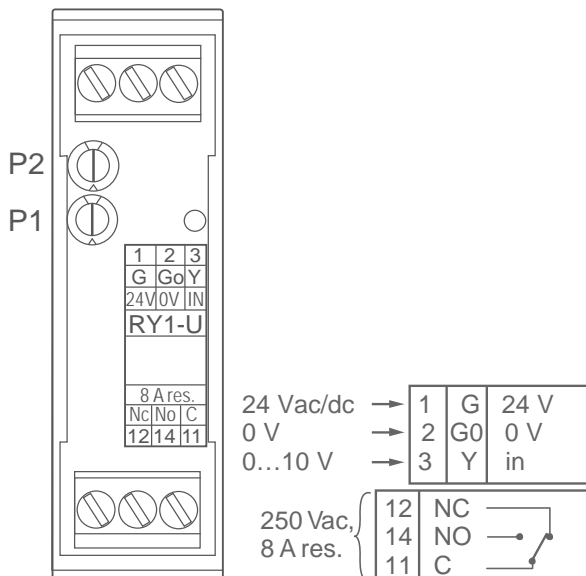
## VOLTAGE CONTROLLED RELAY RY 1-U

RY 1-U is a voltage controlled relay converting a 0...10 Vdc analogue input signal into a contact output.

The output relay will operate when the input signal (voltage) exceeds the set point. Relay will release when the input signal (voltage) drops below the set point by hysteresis.

RY 1-U loads the analog signal less than 0.2 mA. The set point of the relay is adjustable 0...10 V (P1) and hysteresis 0.2...1.0 V (P2).

### Terminals and settings (potentiometers)



**IMPORTANT:** The device must be installed inside a suitable housing that cannot be opened without using tools



### Technical data:

Supply	24 Vac/dc, 1 VA
Input signal	0...10 Vdc, < 0.2 mA
factory setting (P1)	5 V
Hysteresis	0.2...1.0 V
factory setting (P2)	0,5 V
Output relay	change-over contact
	250 Vac, 8 A res.
Protection class	IP20
Assembly	for 35 mm DIN rail (inside a suitable housing)
Dimensions (w x h x d)	22.5 x 77 x 53 mm

### Ordering guide:

Model	Product number	Description
RY 1-U	1183040	voltage controlled relay
RY 1-U-K	1183041	voltage controlled relay, socket for output