

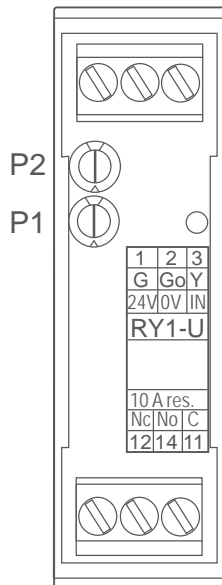
## VOLTAGE CONTROLLED RELAY RY 1-U

RY 1-U is a voltage controlled relay converting a 0...10 Vdc analog 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)



### 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 230 Vac, 10 A res.
Protection class	IP20
Dimensions (w x h x d)	22.5 x 77 x 52.5 mm

### Connection:

1	supply	24 Vac/dc
2		0 V
3	input	0...10 Vdc
11	output	common (C)
12		normally closed (NC)
14		normally open (NO)

### Ordering guide:

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

Products fulfill the requirements of directives 73/23/EEC and 2004/108/EC and are in accordance with the standards EN60947, EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).