



TRV-U 20V. 2,5A

Terminal

Plug-screw terminal
8 pin, max. 2,5 mm²

Poti: max. output

LED: output

1: output +
2: output - (Y out)

Antifreeze function:
3: out 10V, contact N.O.
4: in “

6: input +
7: - GND, G0
8: power supply 24V

LED: power on

Technical Data

Input 1, pin 6 (TRV-U...)	0 – 10V DC
Input resistance	200 k Ohm
Input 1, pin6 (TRV-I...)	0-20mA (4-20mA)
Input resistance	50 Ohm
Please order input U or I	
Input 2, pin 3-4	Contact N.O.
Output, pin 1-2	0-20V DC, PWM-signal
Output power	max. 50VA
Pulse wide modulation	1,4 kHz
Precision	2%
Power supply, pin 8	24V AC/DC, +-15%
Power current	max. 3A
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount., TS35, EN50022
Weight	130g
Dimensions	48 x 72 x 94 mm (WxHxD)

Driver for magnetic drive valve, input norm signal 0(2)-10V or 0(4)-20mA to output 0-20V with max. 50VA.

The 2 cable magnetic actuator is to connect to pin 1-2 (solenoid actuator).

The 3 cable motor actuator is to connect: pin 2 = Y, pin 7 = G0 and pin 8 = G, 24V.

An outside contact to input 2 will set 100% to the output if it is closed (antifreeze override control function).

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MAGNETIC ACTUATOR DRIVER TRV-.. 20V.2,5A

Input 1	0-10V = TRV-U 20V.2,5A, 0-20mA = TRV-I 20V.2,5A
Input 2	N. O. contact, antifreeze function = 100% output
Output	0-20V DC, PWM-signal,
Power supply	24 V AC/DC

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