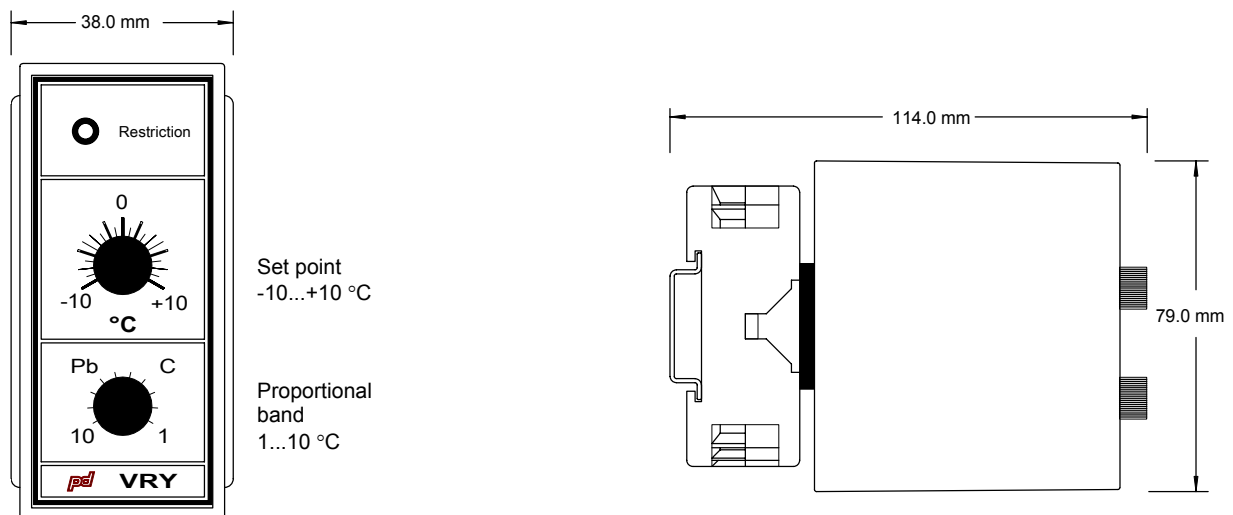


LIMITING CONTROLLER VRY 24

VRY 24 is a limiting controller for heat recovery systems in air-conditioning units. It protects the recovery unit against frost. A control signal is brought to VRY 24 from the master controller. This signal is limited by VRY 24 if the temperature drops below the set point.

The signal to the valve motor can be switched to direct or reverse action inside the device. Brightness of the LED indicates the limiting effect. Temperature is detected by either TEK 1000 or TEMV 1000 sensor.



Connection:

10	24 Vac
2	0 Vac
11	sensor +
1	sensor -
5	input signal from master controller
6	output signal to motor

Technical data:

Supply voltage	24 Vac, 1 VA
Sensor	1000 Ω/25 °C
Input signal	0...10 Vdc
Output signal	0...10 Vdc
Set point	-10...+10 °C
Proportional band	1...10 °C
Dimensions w x h x d	35 x 79 x 95 mm

Accessories:

Duct sensor	TEK 1000
Water sensor	TEMV 1000

VRY 24 CODING

Controller action	S1 and S2	S3 and S4
direct	closed	closed
reverse	open	open

Direction of restriction	S6 and S7	S5 and S8
temperature < setting	closed	open
temperature > setting	open	closed

* factory setting

