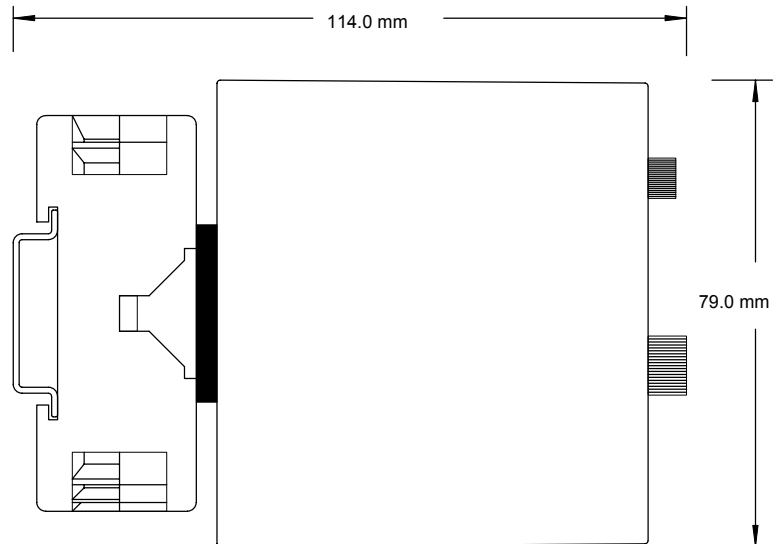
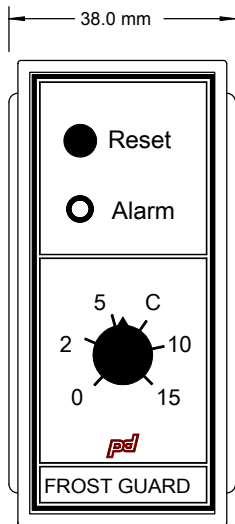


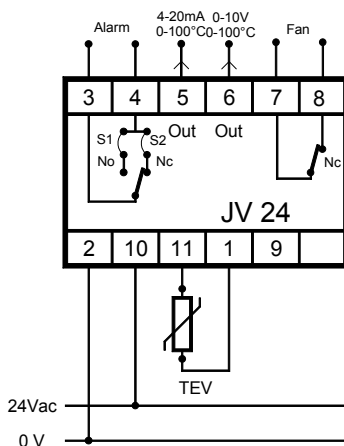
FROST GUARD JV 24

JV 24 is a frost guard of the ventilating unit, detecting the temperature of the return water from the radiator. When the temperature drops below the set point, JV 24 triggers an alarm and stops the supply air unit (fan). It also triggers an alarm when sensor wires are in a short-circuit, or when a wire breaks down. After the fault has been eliminated, the device will remain in the alarm-mode until reseted by the 'reset' button or by cutting off the power supply.

The sensor is a PTC1000 (1000Ω/25°C) thermistor. JV 24 is in a 11-pole relay box. The action (No/Nc) of the alarm contact is selected at the commissioning.



Connection:



Technical data:

Supply	24 Vac, 2 VA
Fan relay contact	6 A/230 V
Alarm relay contact	1 A/60 V
Temperature sensor	PTC1000 (1000Ω / 25°C)
Alarm setting	0... 15 °C
Return water temperature output	0...100 °C = 0...10 V = 4...20 mA
Dimensions w x h x d	35 x 79 x 95 mm