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DATA SHEET

JV 24

Produal

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FROSTGUARD THERMOSTAT JV 24

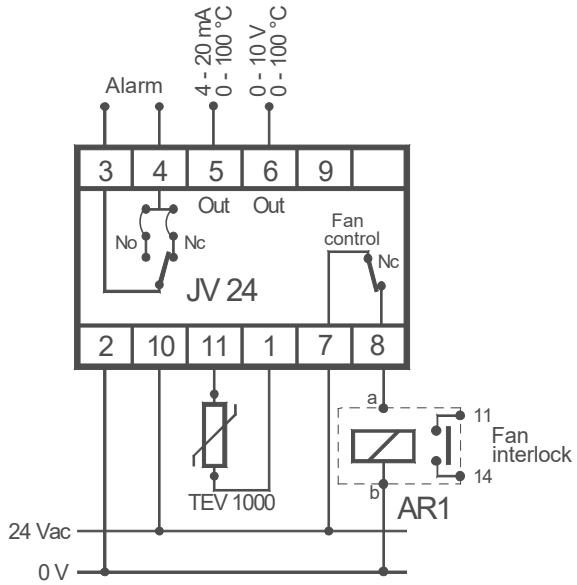
Thermostat JV 24 is designed to prevent the water heater of ventilation unit from freezing and also works as the return water temperature transmitter.

If temperature drops below the set point value JV 24 triggers alarm and turns ventilation unit off. In addition, JV 24 triggers an alarm if there is a sensor fault. After correction of the defect, the device remains in the "alert" state until you press the reset button or temporarily disconnect the power supply. Suitable sensor is a 1000 Ω PTC sensor (TEV 1000).

The relay function direction can be selected during commissioning.

NOTE: For connection of 230 Vac control output the auxiliary relay AR 1 or other compatible relay must be used.

Wiring:





Technical data

Supply	24 Vac, 2 VA
control relay contact	6 A / < 50 Vac
alarm relay contact	1 A / 60 Vdc
temperature sensor	1000 Ω/ 25 °C
alarm range	0...+15 °C
return water temp. range	0...100 °C = 0…10 V = 4…20 mA
Housing	11-pole relay housing, IP20
Dimensions (w x h x d)	38,5 x 78 x 110 mm

Ordering guide:

Model	Product number	Description
JV 24	1110030	frostguard thermostat for thermistor sensor (1000 Ω / 25 °C).
AR 1	1183010	relay

Products fulfill the requirements of directives 2014/35/EU and 2014/30/EU and are in accordance with the standards EN60730-1, EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).

Produal Oy Keltakalliontie 18, 48770 Kotka FINLAND Tel: +358 10 219 9100 358 / Fax: +358 5 230 9210 info@produal.fi **www.produal.com**

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