akribis

USER GUIDE

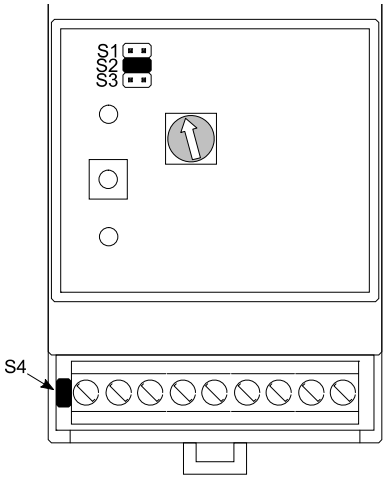
JVA JVS

Produal

Distributed by AKRIBIS

COMMISSIONING

Selecting the temperature sensor type



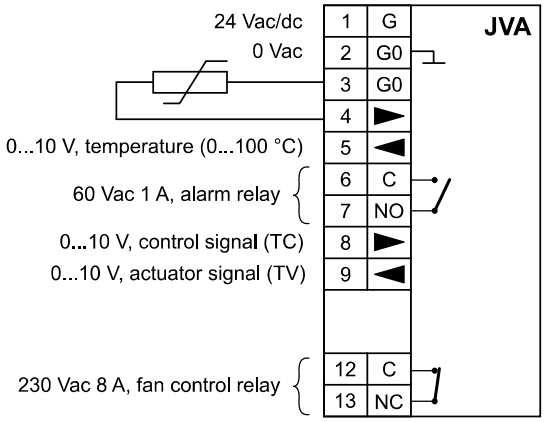
	Pt 1000 *)	TE 1000	TE 2000	Ni 1000-LG
S1	▪ ▪	■	■	▪ ▪
S2	■	▪ ▪	▪ ▪	▪ ▪
S3	▪ ▪	▪ ▪	▪ ▪	■
S4	■	■	▪ ▪	■

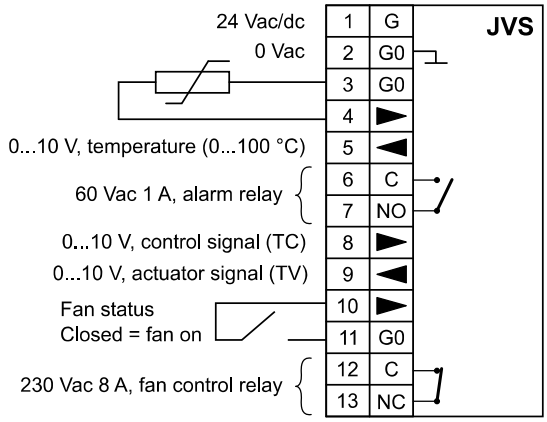
*) Factory setting

Wiring

Caution

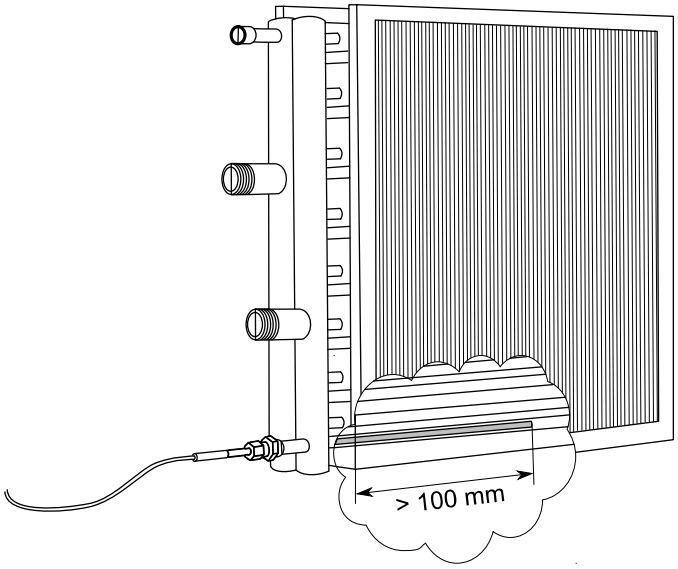
Device wiring and commissioning can only be carried out by qualified professionals. Always make the wirings while the power is switched off.





Information is subject to change without prior notice.

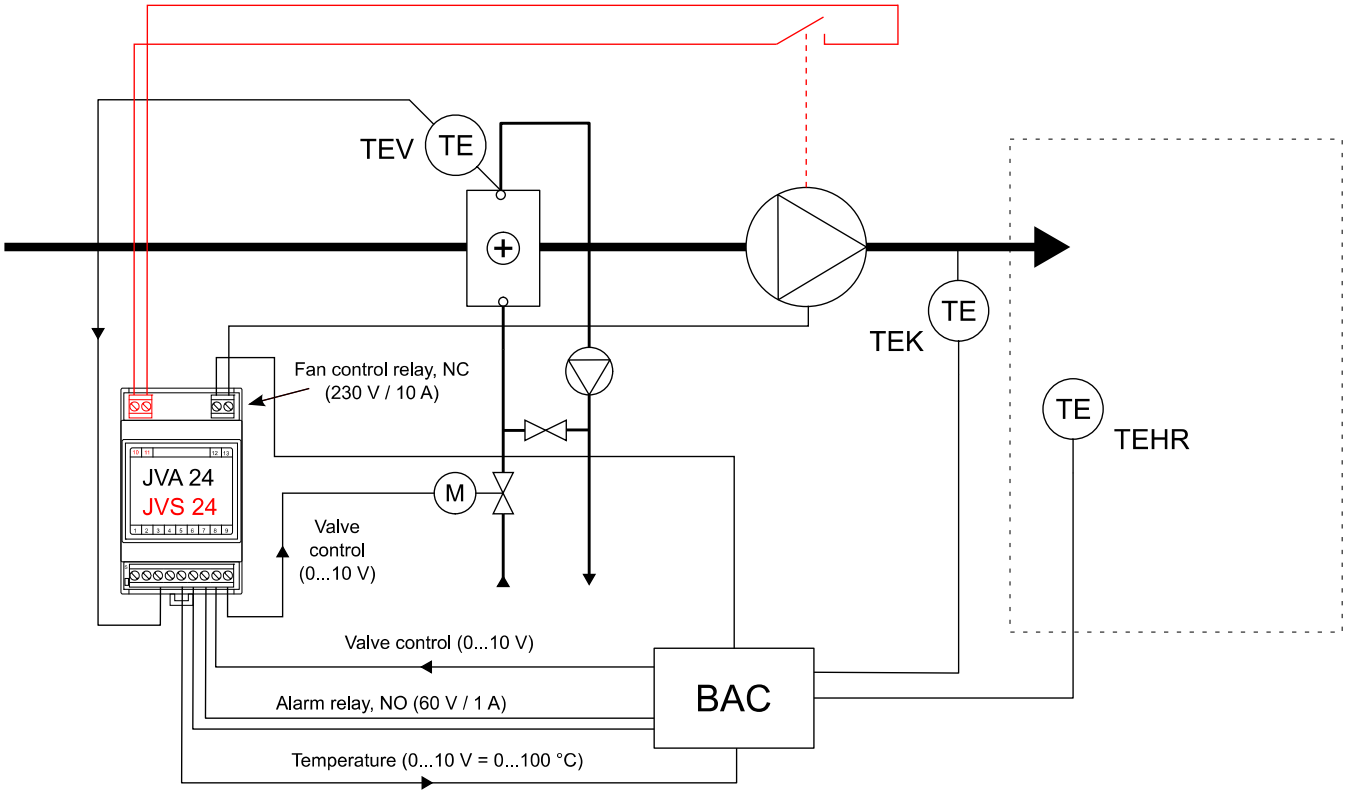
Frost protection sensor installation



Install the sensor on the return water line at the coldest possible point.

APPLICATION EXAMPLES

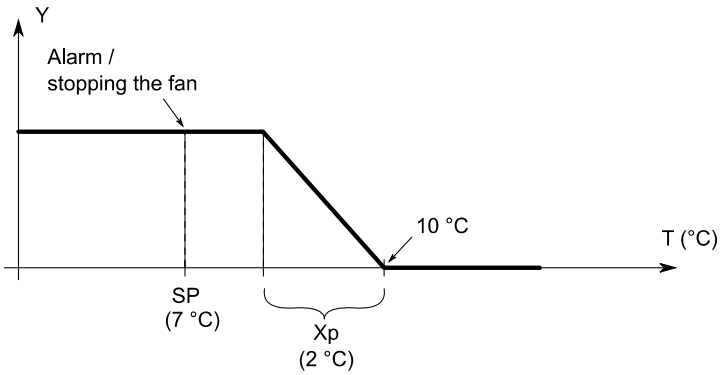
Principle diagram

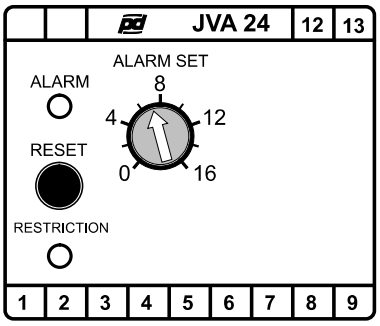


Information is subject to change without prior notice.

Example settings for JVA 24

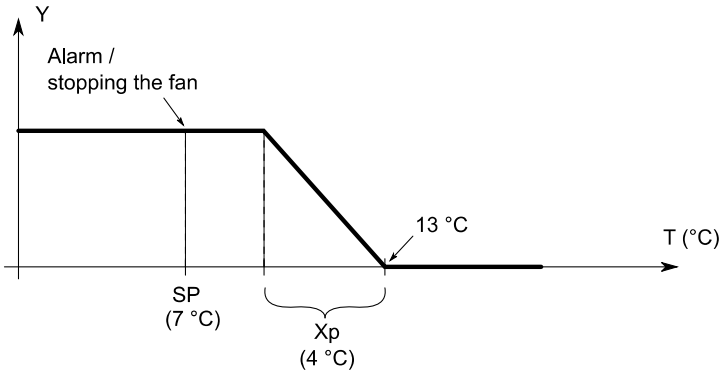
- Alarm set point (SP) = 7 °C
- Restriction start point = SP + 3 °C = 7 °C + 3 °C = 10 °C
- Proportional band (Xp) = 2 °C (fixed)

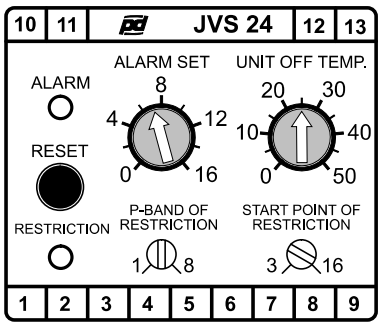




Example settings for JVS 24

- Alarm set point (SP) = 7 °C
- Restriction start point = SP + Start point of restriction = 7 °C + 6 °C = 13 °C
- Proportional band (Xp) = 4 °C
- Unit off temperature = 25 °C





ALARM

The alarm is activated in the following situations:

- Return water temperature reaches the alarm set point.
- Measured return water temperature is over 130 °C.
- The temperature sensor circuit is cut or shorted.

When the alarm activates, the following happens:

- The fan is stopped
- The valve control signal is set to 10 V.
- Alarm relay activates.
- The red indicator light illuminates.

NOTE: When the thermostat supply power is disconnected, the alarm relay activates and the fan stops.

The alarm can be reset by pressing the RESET button or by disconnecting the supply power from the thermostat.

Information is subject to change without prior notice.