

# Insulated ventilated resistance heaters



## 177 W

### General characteristics

- Compact resistance heater preventing the formation of condensation or frost.
- Equipped with an axial fan for uniform heating inside the enclosure.
- Compact design with reduced dimensions.
- Extruded aluminium body.
- Covered with a UL94 V0 plastic cover, light grey, to avoid direct contact with the heating elements (PTC).
- Surface temperature limited to 50 °C.
- Equipped with quick-connection terminals: 2.5 mm<sup>2</sup>.
- Double insulated.
- Range with PTC technology.
- Quick fixing by clip on a 35 mm DIN rail.
- UL and VDE certifications. CE marking.

### Conditions of use

- The heaters must be installed with a thermal controller (see selection table on pages **CC002\_2** and **CC002\_3**) to control the temperature or the humidity inside the enclosure.
- The enclosure must be sealed to prevent the entry of air from the outside.
- An electrical protection device must be installed on the supply side of the unit.

Specifications	Reference
	NSYCR170W230VVC
Power at 0 °C	177 W
Voltage	230 V AC; 50-60 Hz
Technology	PTC
Surface temperature	Max. 50 °C in the enclosure, 100 °C on the top protection grille (for an ambient temperature of 20 °C / 68 °F)
Service life	40,000 h at 40 °C
Air flow	13.8 m <sup>3</sup> /h
Electric connection	2 poles 2.5 mm <sup>2</sup>
Mounting	By clip on 35 mm DIN rail
Cover	UL94 V0 plastic
Operating position	Vertical
Operating temperature	-40...+70 °C    -10...+158 °F
IP protection rating	IP 20 class II (double insulated)
Certifications	VDE and UL

### Dimensions

