

Insulated resistance heaters



Insulated resistance heater 10 W and 20 W

General characteristics

- Compact resistance heater preventing the formation of condensation or frost.
- Designed to ensure good natural convection and high thermal efficiency.
- 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.
- Surface temperature limited to 70 °C.
- Equipped with a power cable.
- 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			
	NSYCR10WU2C	NSYCR10WU1C	NSYCR20WU2C	NSYCR20WU1C
Power at 0 °C	10 W		20 W	
Voltage	110-250 V AC	12-24 V DC	110-250 V AC	12-24 V DC
Technology	PTC			
Surface temperature	<70 °C, except for the top protection grille			
Electric connection	2 poles, 2.5 mm ²			
Mounting	Quick by clip on a 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

