



Insulated resistance heater 55 W - 100 W - 147 W

General characteristics

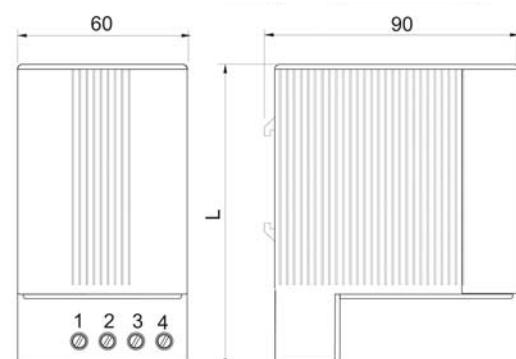
- Compact resistance heater preventing the formation of condensation or frost.
- Designed to ensure good natural convection and high thermal efficiency.
- Compact design with reduced dimensions.
- Extruded aluminium body.
- Covered with a UL94 V0 plastic cover, light grey, to avoid direct contact with the heating elements.
- Surface temperature limited to < 70 °C.
- Equipped with quick-connection terminals: 2.5 mm².
- 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							
	NSYCR50WU2C	NSYCR50WU1C	NSYCR50WU3C	NSYCR100WU2C	NSYCR100WU1C	NSYCR100WU3C	NSYCR150WU2C	NSYCR150WU1C
Power at 0 °C	55 W			100 W			147 W	
Voltage	110-250 V AC	12-24 V DC	270-420 V AC	110-250 V AC	12-24 V DC	270-420 V AC	110-250 V AC	12-24 V DC
Technology				PTC				
Surface temperature				<70 °C, except for the top protection grille				
Electric connection				4 poles, 2.5 mm ²				
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				
Height (H)	110 mm				150 mm			

Dimensions



Performance diagram

