



Insulated resistance heater 55 W - 100 W - 147 W

General characteristics

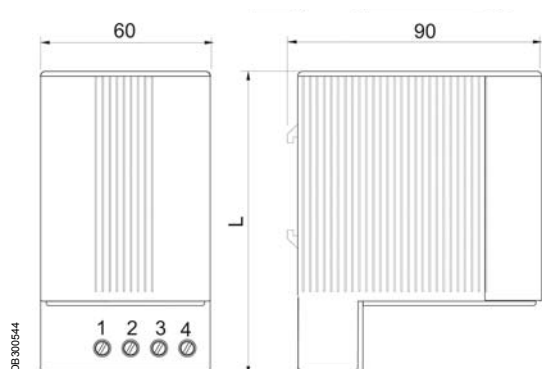
- Compact resistance heater preventing the formation of condensation or frost.
- Designed to ensure good natural convection and high thermal efficiency.
- Compact design with reduced dimensions.
- Extruded aluminium body.
- Covered with a UL94 V0 plastic cover, light grey, to avoid direct contact with the heating elements.
- Surface temperature limited to $< 70^{\circ}\text{C}$.
- Equipped with quick-connection terminals: 2.5 mm^2 .
- 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	$< 70^{\circ}\text{C}$, 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	$-40\dots+70^{\circ}\text{C}$ $-10\dots+158^{\circ}\text{F}$							
IP protection rating	IP 20 class II (double insulated)							
Certifications	VDE and UL							
Height (H)	110 mm			150 mm				

Dimensions



Performance diagram

