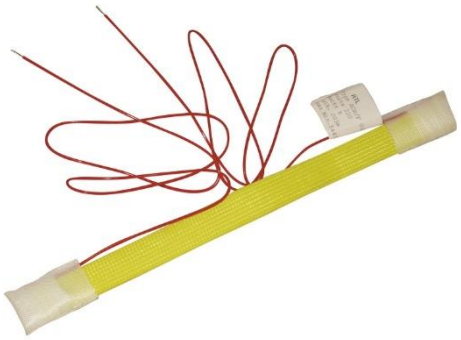
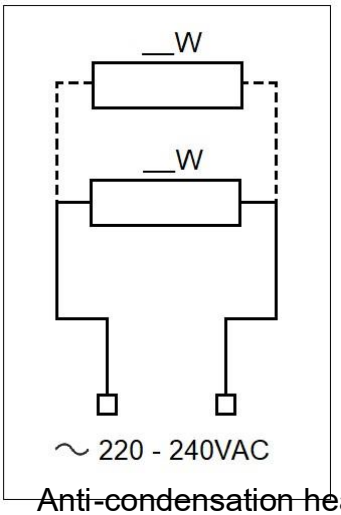
ANTI-CONDENSATION HEATERS

For motors operating in environments with high humidity and significant temperature fluctuations, it is recommended to install anti-condensation heaters to eliminate moisture inside the motor.
These are tape-type heaters and are mounted on the winding heads of the stator.
They are powered when the motor supply is disconnected, generating heat that, by reducing the temperature difference (ΔT), helps prevent condensation formation.
The standard supply voltage is 220/240V, 50/60Hz.
Other supply voltages are available upon request.
The terminals of the anti-condensation heaters are connected to a dedicated terminal block located inside the main terminal box. Upon request, they can be connected to a terminal block housed in an auxiliary terminal box.



Tape type heater



Anti-condensation heater's wiring diagram

The power ratings of the anti-condensation heaters commonly used in motors are shown in the table below:

ALTEZZA D'ASSE	TENSIONE DI ALIMENTAZIONE (V)	POTENZA (W)
80	220/240	8
90	220/240	25
100	220/240	26
112	220/240	21
132/160	220/240	40
180/200	220/240	26
225/250	220/240	42
280	220/240	54
315	220/240	99
355	220/240	99

* **Altezza d'asse** refers to the motor's shaft height in millimetres, according to IEC standards.
** **Tensione di alimentazione (V)** indicates the standard supply voltage for the anti-condensation heater.
*** **Potenza (W)** is the typical power consumption of the heater for each corresponding frame size.