

IWC 740

Single stage controller for temperature

IWC 720 controllers can be fitted on ventilated refrigerators operating at medium or low temperature. These controllers have two analogue inputs for NTC temperature probes (or alternatively PTC inputs) and two programmable relay outputs for the management of the compressor and defrost cycle. The outputs for the management of the fans of the evaporator, the alarm, lights, auxiliary output and ON/OFF features are selectable. Defrost cycles can be stopped at a specific time or as soon as the end cycle temperature is reached (if the evaporator is equipped with a specific probe). The values measured by the probes are displayed with three digits and a minus sign. The decimal point can be set with a parameter. All models have TTL connections that enable the controllers to be used with Copy Card, the quick programming accessory. Removable terminals are supplied as standard, while the buzzer for the temperature alarm is optional. The range also includes a special version with a 2hp relay for the direct management of medium power compressors. Screw terminals or Faston connectors are available on request.

Technical Data

Frontal protection	IP 65
Container	plastic resin PC+ABS UL94V-0
Dimensions	37x180 mm, depth 69 mm
Mouting	panel mounting, cut out 31x150 mm (+0.2/-0.1mm)
Usage temperature	-5...55°C
Storage temperature	-30...85°C
Usage environment humidity	10...90% RH
Storage environment humidity	10...90% RH
Serial	TTL port for Copy Card
Display	3½ digits plus sign
Precision	above 0.5% of bottom scale + 1 digit
Consumption	6 VA
Resolution	1°C or 0.1°C (selectable with a parameter).
Power supply	230Vac ± 10%, 50/60Hz

