Ice bank control CH605
DINFER ELECTRONICS

1. Unit description

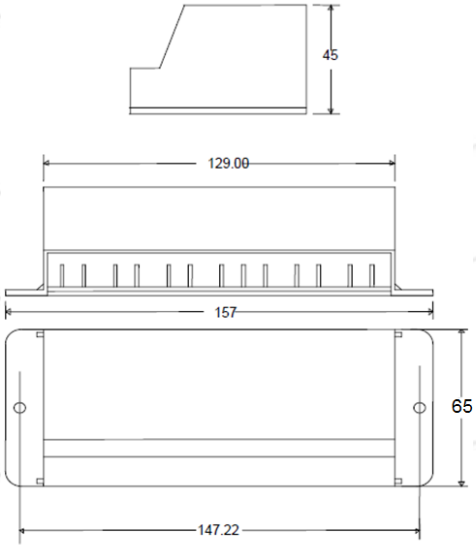
The unit CH605 has been designed for its use in refrigerators for beer and carbonated beverages.
It controls the thickness of the ice bank formed on the water-cooling coil. Unit will make the compressor start when the sensor detects the absence of ice between its terminals. Once the sensor detects ice, unit will stop the compressor. Therefore, by keeping a constant thickness of the ice bank, it manages to control the fluid temperature inside the water-cooling coil.
Its design includes a micro controller which controls all the operations that need to be performed.
Unit integrates the required terminals for the electrical connections, making easy this labour.

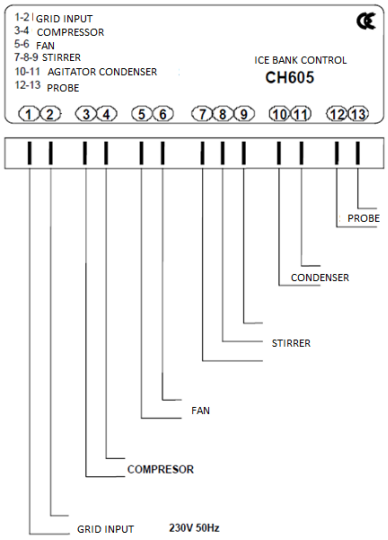
2. Technical specifications

Electrical characteristics

- Feeding tension:	230VAC 50/60Hz
- Absorbed power:	2VA MAX
- Actor:	Relay 1 contact NA/16A
- Sensor type:	SH / 2 electrodes AISI-304
- Tension in sensor:	< 24VAC
- Average amp in sensor:	< 1,3µA
- Operating temperature:	-20C to 70C
- Effectiveconductivity range :	100µS to 2500µS
- Connections:	13 FASTON terminals

External measurements and unit wiring





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