

Ice bank control CH605RDAMM DINFER ELECTRONICS

1. Unit description

The unit CH605RDAMM has been designed for its use in refrigerators for beer and carbonated beverages. This unit has a similar operating mode than unit CH605R, but in this case it is customized for DAMM brewery.

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 temperatura: -20C to 70C
- Effective conductivity range: 100μS to 2500μS
- Connections: 13 FASTON terminals

External measurements and unit wiring

