dixell®

TO BE COOLED OR TO BE FROZEN, THAT IS THE QUESTION

A new family of low cost 230V pre-programmed controllers from Dixell that come complete with probes. Exclusively distributed in the UK by Thermofrost Cryo and selected partners.

NEW X-COOL

For all HT applications

NEW X-FREEZE

For all MT and LT applications

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X-COOL

X-FREEZE

The X-Cool, format 32 x 74 x 50 mm is a digital thermostat with off cycle defrost designed for refrigeration applications at normal temperature. It provides a relay output to drive the compressor.

It is also equipped with up to 2 NTC probe input and one configurable digital input. The instrument is fully configurable through special parameters that can be easily programmed through the keyboard or the by HOTKEY.

The X-Freeze, format 32 x 74 x 60 mm, is a microprocessor based controller, suitable for applications on medium or low temperature ventilated refrigerating units. It has three relay outputs to control compressor, fan, and defrost which can be either electrical or reverse cycle (hot gas).

The device is also provided with 2 NTC probe inputs, the first one for temperature control and the second one to be located onto the evaporator, to control the defrost termination temperature and to managed the fan and it's provided with a configurable digital input. With the HOTKEY it's possible to program the instrument in a quick and easy way.

Size
32 x 74 x 50 mm

Size
32 x 74 x 60 mm

Power Supply
230Vac

Power Supply
230Vac

Other specifications
Housing: self extinguishing ABS.
Mounting: panel mounting in a 71x29mm panel cut-out
Protection: IP20; Frontal protection: IP65
Power absorption: 3.5 VA max
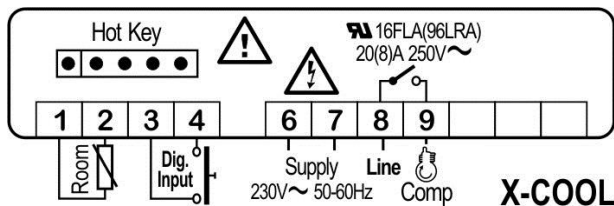Display: 2 digits, red LED, 14,2 mm high;
Inputs: 1 NTC.
Digital input: free voltage contact
Relay outputs: compressor SPST 20(8)A 250Vac or 8(3) A 250Vac;
Operating temperature: 0÷60 °C; Storage temperature: -25÷60 °C.

Other specifications
Housing: self extinguishing ABS.
Mounting: panel mounting in a 71x29mm panel cut-out
Protection: IP20; Frontal protection: IP65
Power absorption: 3.5VA max
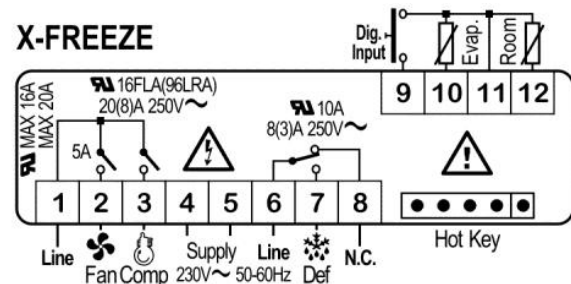Display: 2 digits, red LED, 14,2 mm high;
Inputs: Up to 2 NTC.
Digital input: free voltage contact
Relay outputs: compressor SPST 8(3) A, 250Vac; SPST 16(6)A 250Vac or 20(8)A 250Vac defrost: SPDT 8(3) A, 250Vac fan: SPST 8(3) A, 250Vac or SPST 5(2) A
Operating temperature: 0÷60 °C;Storage temperature: -25÷60 °C.

Connection

Connection

Codes
X-Cool   DIXL048

Codes
X-Freeze   DIXL049