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SETTING: the set point temperature and the differential (hysteresis), are set by the user. Defrost cycle duration and the interval between two consecutive cycles are settable too. Users are allowed to manage operating parameters (max./min. temperature alarms, probe error correction, etc.).

USER-FRIENDSHIP: the WH31-DISPLAY stands out for the innovative design of the ColorLine series, based on the only push button on the frontal mask and on the simplified alphanumerical system to visualize parameters that permits a quick and intuitive controller setting.

**INPUT:** the WH31-DISPLAY is provided with 1 input for PTC standard probe for medium-low temperatures. On request the "Quick-Key" programming connector is also available; through it users can quickly and easily reset default values of operating parameters.

**OUTPUT:** it is provided with 1 relay for 8 A loads (16 A or 30 A on request).

Operating temperature:  $-3 \chi + 63 C$ (+23  $\chi + 149 °F$ ) Stocking temperature:  $-30 \chi + 75 °C$  (-22  $\chi + 167 °F$ ) Relative humidity: 20  $\chi 85 \%$  (not condensing) Measure range:  $-55 \chi + 99 °C$  ( $-67 \chi + 99 °F$ ) for PTC probe; Output: 1 on a SPDT 8 (3) A 250 Vac relay (on request, SPDT 16 (8) A 250

Vac or SPST 30 (15) A 250 Vac) (\*) Analogue input: 1 for PTC thermostatic probe

Resolution: 1 °C (1 °F)

Accuracy: better than 1.0% f.s. ± 1 digit Power supply: standard 12 Vac/dc ± 15%; available 230 Vac +5/-10% 50/60 Hz through built-in transformer

(\*): with only-ohmic loads, the max. amperage tolerable for the terminal board is 24 A

**POWER SUPPLY:** it can be connected directly



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