



**Uscite digitali:** 1 relè:

- **relè compressore:** 16 A res. @ 250 VCA (contatto in scambio).

**La corrente massima consentita sul carico è di 10 A.**

**Porta seriale:** porta per la comunicazione con la chiave di programmazione; su richiesta.

GB ENGLISH				
9 WORKING SETPOINTS AND CONFIGURATION PARAMETERS				
<b>9.1 Working setpoints</b>				
PARAM.	MIN.	MAX.	U.M.	DEF.
r1	r2		°C/°F (1)	0.0
working setpoint				
<b>9.2 Configuration parameters</b>				
PARAM.	MIN.	MAX.	U.M.	DEF.
SP	r1	r2	°C/°F (1)	0.0
working setpoint				
PARAM.	MIN.	MAX.	U.M.	DEF.
o1	-25	25	°C/°F (1)	0.0
cabinet probe offset				
o2	-25	25	°C/°F (1)	0.0
auxiliary probe offset (only if P4 = 1 or 2)				
P1	0	1	---	1
decimal point Celsius degree (for the quantity to show during the normal operation, between -9.9 and 19.9 °C) 1 = YES				
P2	0	1	---	0
unit of measure temperature (2) 0 = °C 1 = °F				
P4	0	2	---	1
auxiliary probe function 0 = probe not enabled 1 = evaporator probe 2 = condenser probe				
PARAM.	MIN.	MAX.	U.M.	DEF.
r0	0.1	15.0	°C/°F (1)	2.0
working setpoint differential				
r1	-99	r2	°C/°F (1)	(3)
minimum working setpoint				
r2	r1	199	°C/°F (1)	(4)
maximum working setpoint				
r5	0	1	---	0
cooling or heating action 0 = cooling (defrost management is enabled) 1 = heating (defrost management is not enabled)				
PARAM.	MIN.	MAX.	U.M.	DEF.
C0	0	199	min	0
compressor delay since you turn on the instrument				
C2	0	199	min	3
minimum time the compressor remains turned off				
C3	0	199	s	0
minimum time the compressor remains turned on				
C6	0.0	199	°C/°F (1)	80
condenser temperature above which the overheated condenser alarm is activated (only if P4 = 2) (5)				
C7	0.0	199	°C/°F (1)	90
condenser temperature above which the compressor locked alarm is activated (only if P4 = 2)				
C8	0	15	min	1
compressor locked alarm delay (only if P4 = 2) (6)				
PARAM.	MIN.	MAX.	U.M.	DEF.
d0	0	99	h	8
defrost interval 0 = the defrost at intervals will never be activated				
d2	-99	99	°C/°F (1)	2.0
defrost cutoff temperature (only if P4 = 1)				
d3	0	99	min	30
if P3 = 0 or 2, defrost duration if P3 = 1, defrost maximum duration 0 = the defrost will never be activated				
d4	0	1	---	0
defrost when you turn on the instrument 1 = YES				
d5	0	199	min	0
defrost delay when you turn on the instrument (only if d4 = 1)				
d6	0	1	---	1
temperature shown during the defrost 0 = cabinet temperature 1 = if to the defrost activation the cabinet temperature is below "working setpoint + r0", at most "working setpoint + r0"; if to the defrost activation the cabinet temperature is above "working setpoint + r0", at most the cabinet temperature to the defrost activation (8)				
PARAM.	MIN.	MAX.	U.M.	DEF.
A1	0.0	199	°C/°F (1)	10.0
temperature below which the lower temperature alarm is activated (relative to the working setpoint or "working setpoint - A1") (5) 0.0 = alarm not enabled				
A4	0.0	199	°C/°F (1)	10.0
temperature above which the upper temperature alarm is activated (relative to the working setpoint or "working setpoint + A4") (5) 0.0 = alarm not enabled				
A6	0	199	min	120
temperature alarm delay since you turn on the instrument				
A7	0	199	min	15
temperature alarm delay				

(1) the unit of measure depends on parameter P2

(2) **set the parameters related to the regulators appropriately after the modification of the parameter P2**

(3) the value depends on the kind of model (-50 for the models for PTC probe, -40 for the models for NTC probe)

(4) the value depends on parameter r5 (50 if parameter r5 has value 0, 199 if parameter r5 has value 1)

(5) the differential of the parameter is 2.0 °C/4 °F

(6) if (when you turn on the instrument) the condenser temperature is above the one you have set with parameter C7, parameter C8 will have no effect

(7) if parameter r5 has value 1 (heating action), the defrost management will not be enabled

(8) the display restores the normal operation as soon as the defrost ends and the cabinet temperature falls below the one that has locked the display (or if a temperature alarm arises)

(9) during the defrost the temperature alarms are not enabled, on condition that they have arisen after the activation of the defrost.

(4) il valore dipende dal parametro r5 (50 se il parametro r5 è impostato a 0, 199 se il parametro r5 è impostato a 1)

(5) il differenziale del parametro è di 2.0 °C/4 °F se all'accensione dello strumento la temperatura del condensatore è già al di sopra di quella stabilita con il parametro C7, il parametro C8 non avrà effetto

(7) se il parametro r5 è impostato a 1 (funzionamento per caldo), la gestione dello sbrinamento non sarà abilitata

(8) il display ripristina il normale funzionamento quando, concluso lo sbrinamento, la temperatura della cella scende al di sotto di quella che ha bloccato il display (o se si manifesta un allarme di temperatura)

(9) durante lo sbrinamento gli allarmi di temperatura sono assenti, a condizione che questi si siano manifestati dopo l'attivazione dello sbrinamento.

(1) l'unità di misura dipende dal parametro P2

(2) **impostare opportunamente i parametri relativi ai regolatori dopo la modifica del parametro P2**

(3) il valore dipende dal tipo di modello (-50 per i modelli per sonda PTC, -40 per i modelli per sonda NTC)

PT - 4/6/09



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