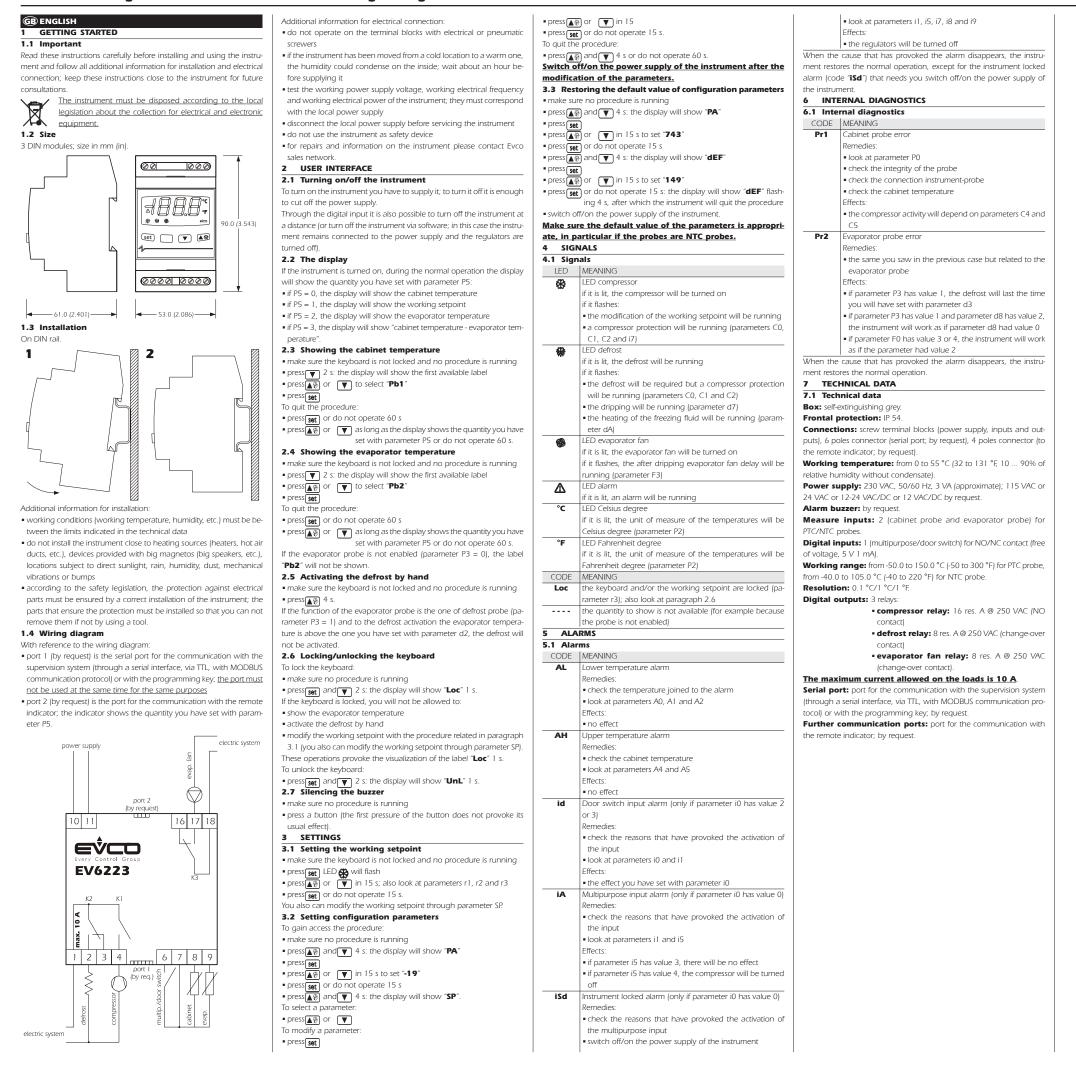
EV6223 Digital thermostat for ventilated refrigerating units



	g setpo									0 = turned off
MIN.	MAX.			WORKING SETPOINTS						1 = turned on
r1	r2	°C/°F (1) paramete		working setpoint	F3	0	15	min	2	2 = according to F0 duration of the after dripping evaporator fan delay
MIN.	MAX.	U.M.	DEF.	WORKING SETPOINTS		M. MIN.	MAX.	U.M.	DEF.	DIGITAL INPUTS
r1	r2	°C/°F (1)	0.0	working setpoint	iO	0	3		2	kind of digital input
M. MIN.	MAX.	U.M.	DEF.	MEASURE INPUTS						0 = <u>MULTIPURPOSE INPUT</u> - in this case look at parameters i1, i5, i7, i8 and i9
-25.0		°C/°F (1)		cabinet probe offset						1 = <u>RESERVED</u>
A2 -25.0 0 0	25.0	°C/°F (1)	0.0	evaporator probe offset kind of probe						2 = <u>DOOR SWITCH INPUT</u> - in this case look at parameters i1, i2 and i3; the activation of the input w turn off the evaporator fan (at most the time i3 or as long as the input will be deactivated)
	1		0	0 = PTC						3 = DOOR SWITCH INPUT - in this case look at parameters i1, i2 and i3; the activation of the input w
				1 = NTC						turn off the compressor and the evaporator fan (at most the time i3 or as long as the input will b
	1		1	decimal point Celsius degree (for the quantity to show during the normal operation)						deactivated) (13)
				1 = YES	i1	0	2		0	kind of contact digital input
0	1		0	unit of measure temperature (2)						0 = NO (the input will be active if you close the contact)
				0 = °C						1 = NC (the input will be active if you open the contact)
-	-			1 = °F	i2	-1	120		20	2 = input not enabled
0	Z		1	evaporator probe function 0 = probe not enabled	IZ	-1	120	min	30	delay to signal the door switch input alarm -1 = no signal
				1 = defrost probe and thermostat probe for the evaporator fan	i3	-1	120	min	15	maximum duration of the effect provoked by the activation of the door switch input
				2 = thermostat probe for the evaporator fan			-			-1 = the effect will last as long as the input will be deactivated
0	3		0	quantity to show during the normal operation	i5	0	6		3	effect provoked by the activation of the multipurpose input
				0 = cabinet temperature						0 = no effect
				1 = working setpoint						1 = SYNCHRONIZING THE DEFROSTS - spent the time d5 the defrost will be activated (14)
				2 = evaporator temperature						2 = <u>ACTIVATING THE ENERGY SAVING</u> - function Energy Saving will be activated (as long as the input
	NAAX/	11.0.4	DEE	3 = "cabinet temperature - evaporator temperature"						will be deactivated); also look at r4 (14)
M. MIN.	MAX. 15.0	U.M. °C/°F (1)	DEF. 2.0	MAIN REGULATOR working setpoint differential						3 = ACTIVATING THE EXTERNAL ALARM - spent the time i7 the display will show the code "IA" flashin and the buzzer will be activated (as long as the input will be deactivated)
-99.0	r2		-50.0	minimum working setpoint						$4 = \underline{ACTIVATING THE MANOSTAT}$ - the compressor will be turned off, the display will show the code " i A
r1	99.0	°C/°F (1)	50.0	maximum working setpoint						flashing and the buzzer will be activated (as long as the input will be deactivated); also look at i7, i
0	1		0	locking the working setpoint modification (with the procedure related in paragraph 3.1)						and i9
				1 = YES						5 = TURNING_OFF_THE_INSTRUMENT - the instrument will be turned off via software (as long as the
0.0	99.0		0.0	temperature increase during function Energy Saving; also look at i5						input will be deactivated); also look at C0, d4 and A6
M. MIN.	MAX.	U.M.	DEF.	COMPRESSOR PROTECTIONS						6 = ACTIVATION COOLING - the compressor will be turned on (as long as the input will be deactivated
0	240 240	min min	0	compressor delay since you turn on the instrument	i7	0	120	min	0	in this case parameters C4 and C5 are not meaningful (14)
0	240	Imin	5	minimum time between two activations in succession of the compressor; also compressor delay since the end of the cabinet probe error (3)	17	0	120	min	0	if i5 = 3, delay to signal the multipurpose input alarm if i5 = 4, compressor delay since the deactivation of the multipurpose input (15)
0	240	min	3	minimum time the compressor remains turned off	i8	0	15		0	number of multipurpose input alarms such as to provoke the instrument locked alarm (only if $i5 = 4$)
0	240	s	0	minimum time the compressor remains turned on	10	ľ	15		0	0 = alarm not enabled
0	240	min	10	time the compressor remains turned off during the cabinet probe error; also look at C5	i9	1	999	min	240	time without multipurpose input alarms in order that the alarm counter is cleared (only if i5 = 4)
0	240	min	10	time the compressor remains turned on during the cabinet probe error; also look at C4	PARAN	M. MIN.	MAX.	U.M.	DEF.	SERIAL NETWORK (MODBUS)
M. MIN.	MAX.	U.M.	DEF.	DEFROST	LA	1	247		247	instrument address
0	99	h	8	defrost interval; also look at d8 (4)	Lb	0	3		2	baud rate
0	1		0	0 = the defrost at intervals will never be activated						0 = 2,400 baud
0	1		0	kind of defrost 0 = electric defrost						1 = 4,800 baud 2 = 9,600 baud
				1 = hot gas defrost						3 = 19,200 baud
-99.0	99.0	°C/°F (1)	2.0	defrost cutoff temperature (only if P3 = 1)	LP	0	2		2	parity
0	99	min	30	defrost duration if P3 = 0 or 2; defrost maximum duration if P3 = 1	2.1	ľ	-		-	0 = none
				0 = the defrost will never be activated						1 = odd
0	1		0	defrost when you turn on the instrument						2 = even
5 0 6 0 7 0 8 0 9 -99.0 A 0 ARAM. MIN. 0 0 1 -99.0				1 = YES		M. MIN.	MAX.	U.M.	DEF.	RESERVED
	99	min	0	defrost delay when you turn on the instrument (only if d4 = 1); also look at i5	E9	0	1		1	reserved
	1		1	temperature shown during the defrost 0 = cabinet temperature	(1) (2)					arameter P2 o the regulators appropriately after the modification of the parameter P2
				1 = if to the defrost activation the cabinet temperature is below "working setpoint + r0", at most "work-	(3)		-			elay since the end of the cabinet probe error will however be 2 min
				ing setpoint + $r0^{\circ}$; if to the defrost activation the cabinet temperature is above "working setpoint +	(4)					the defrost interval every 30 min; the modification of parameter d0 has effect since the end of the previou
				r0", at most the cabinet temperature to the defrost activation (5)						ion of a defrost by hand
	15	min	2	dripping duration	(5)	the d	splay rest	ores the no	ormal ope	eration as soon as the after dripping evaporator fan delay ends and the cabinet temperature falls below
	2		0	kind of defrost interval		the o	ne that ha	as locked th	ne display	y (or if a temperature alarm arises)
				0 = the defrost will be activated when the instrument will have remained turned on the time d0	(6)					he instrument will work as if parameter d8 had value 0
				1 = the defrost will be activated when the compressor will have remained turned on the time do	(7)				,	ration of the activation of the compressor is shorter than the time you have set with parameter dA, th
				2 = the defrost will be activated when the evaporator temperature will have remained below the tem- perature d9 the time d0 (6)	(8)					ned on the fraction of time required to complete it strument will work as if parameter A0 had value 0
	99.0	°C/°F (1)	0.0	evaporator temperature above which the count of the defrost interval is suspended (only if $d8 = 2$)	(9)					2.0 °C/4 °F
	99	min	0	minimum time the compressor must be remained turned on (to the defost activation) in order that the	(10)					nd the evaporator fan delay the temperature alarms are not enabled, on condition that they have arise
				defrost can be activated (only if $d1 = 1$) (7)			-	ation of the d		
	MAX.	U.M.	DEF.		(11)	durin	during the acti	vation of the	: door sv	vitch input the upper temperature alarm is not enabled, on condition that it has arisen after the activatio
	1		0	temperature joined to the lower temperature alarm			input			
				0 = cabinet temperature	(12)					strument will work as if parameter F0 had value 2
	00.0	0C /0F /11	10.0	1 = evaporator temperature (8)	(13)					t 10 s since the activation of the input; if the input is activated during the defrost or the after drippin
-99.0	99.0	°C/°F (1)	-10.0	temperature below which the lower temperature alarm is activated; also look at A0 and A2 (9)	/1/0			delay, the t signalled	acuvatioi	n will provoke no effect on the compressor
2 0	L _		['	kind of lower temperature alarm 0 = alarm not enabled	(14) (15)			0	ave set w	vith parameter i7 is shorter than the one you have set with parameter i9.
				1 = relative to the working setpoint (or "working setpoint - A1"; consider A1 without sign)	1.51	. metrice			VI	- production and and and you have be that parameter in
				2 = absolute (or A1)						
-99.0	99.0	°C/°F (1)	10.0	temperature above which the upper temperature alarm is activated; also look at A5 (9)						
0	2		1	kind of upper temperature alarm						
				0 = alarm not enabled						
				1 = relative to the working setpoint (or "working setpoint + A4"; consider A4 without sign)						
0	240	min	120	2 = absolute (or A4)						
0	240 240	min min	120	upper temperature alarm delay since you turn on the instrument temperature alarm delay						
0	240	min	15	upper temperature alarm delay since the end of the after dripping evaporator fan delay (10)						
0	240	min	15	upper temperature alarm delay since the deactivation of the door switch input (11)						
M. MIN.	MAX.	U.M.	DEF.	EVAPORATOR FAN						
0	4		1	evaporator fan activity during the normal operation						
				0 = turned off						
				1 = turned on						
				2 = according to the compressor						
	1	1		3 = according to F1 (12)			A		EVC	CO S.p.A.
-99.0	99.0	°C/°F (1)		4 = turned off if the compressor is turned off, according to F1 if the compressor is turned on (12) evaporator temperature above which the evaporator fan is turned off (only if F0 = 3 or 4) (9)	è C				Via I	Mezzaterra 6, 32036 Sedico Belluno ITALY

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