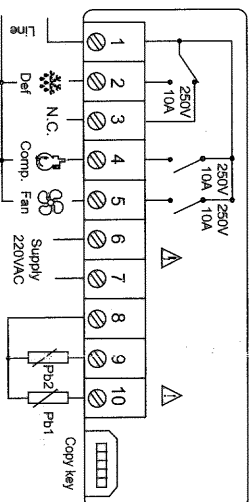


DEFROSTING REGULATOR (folder with "defr" label)				
Parameter code	Description	Set range	Default value	Unit
10	defrost type. Type of defrosting.			
	0 = electric defrost;			
	1 = reverse cycle defrost (hot gas);			
11	defrost interval time. Interval between the start of two successive defrosting operations.	(0...2)	0	number
	defrost Counting type. Selection of count mode for the defrosting interval.			
	0 = compressor operating hours;			
12	defrost Counting type. Selection of count mode for the defrosting interval.			
	1 = Real Time – appliance operating time;			
	2 = compressor stop.	(0...2)	1	number
13	defrost Offset Hour. Start-of-defrosting delay time.	(0...59)	0	min
14	defrost Endurance time. Defrosting time-out; determines duration of defrosting.	(1...250)	30	min
15	defrost Stop temperature. Defrost stop temperature (defined by the evaporator probe).	<50.0...150.0	8.0	°C/°F
16	defrost (at) Power On. Determines if at the start-up the instrument must enter defrosting (if the temperature measured by the evaporator allows this operation). Y = yes; n = no.	(0=n...1=Y)	n	flag
FANS REGULATOR (folder with "Fan" label)				
17	Fan Stop temperature. Fan lock temperature; if the value, read by the evaporator probe, is higher than the set value, fans stop.	<50.0...150.0	2.0	°C/°F
18	Fan differential. Fan starting differential (see par. "FSt").	(1.0...50.0)	2.0	°C/°F
19	Fan delay time. Delay time in activating fans after a defrost operation.	(0...250)	0	min
20	drainage time. Dripping time.	(0...250)	0	min
21	defrost Fan disable. Allows to select the evaporator probes exclusion during defrost. Y = yes; n = no.	(0=n...1=Y)	Y	flag
22	Fan Compressor OFF. Allows to select compressor fans lock OFF (switched off).			
FCO	Y = fans activated (with controller, based on the value read by the defrost probe, see parameter "FSt");	(0=n...1=Y	Y	flag
	n = fans off;	...2=dc)		
	dc = not used			
ALARMS (folder with "AL" label)				
23	Alarm Fan differential. Alarm differential.	(1.0...50.0)	2.0	°C/°F
24	Higher Alarm. Maximum temperature alarm; Temperature value (with regard to Setpoint) which if exceeded in an upward direction triggers the activation of the alarm signal.	(LAL...150.0)	50.0	°C/°F
25	Lower Alarm. Minimum temperature alarm; Temperature value (with regard to Setpoint), which if exceeded in a downward direction, triggers the activation of the alarm signal.	<50.0...HAL	-50.0	°C/°F
26	Power-on Alarm Override. Alarm exclusion time after instrument switch on; after a power failure.	(0...10)	0	hours
27	defrost Alarm Override. Alarm exclusion time after defrost.	(0...999)	0	min
28	TAO Temperature Alarm Override. Temperature alarm signal delay time.	(0...250)	0	min
DISPLAY (folder with "dis" label)				
29	(keyboard) LOCK. Keyboard locking. However, you can enter parameter programming modify them along with the status of this parameter in order to allow keyboard locking. Y = yes; n = no.	(0=n...1=Y)	n	flag
30	PA1 Password 1. When enabled (value other than 0) it constitutes the access key for level 1 parameters.	(0...250)	0	number
31	ndt number display type. View with decimal point. Y = yes; n = no	(0=n...1=Y)	Y	flag
32	CA1 Calibration 1. Calibration 1. Positive or negative temperature value added to the value read by probe 1.	(-120...120)	0	°C/°F
33	CA2 Calibration 2. Calibration 2. Positive or negative temperature value added to the value read by probe 2.	(-120...120)	0	°C/°F

Parameter code	Description	Set range	Default value	Unit
34	defrost display Lock. Viewing mode during defrosting.			
	0 = shows the temperature read by the controller probe;			
	1 = locks the reading on the temperature value read by controller probe when defrosting starts, and until the next time the Setpoint value is reached;	(0...2)	1	number
35	2 = displays the label "defr" during defrosting, and until the next time the Setpoint value is reached.			
	display read-out. Select °C or °F for displaying the temperature read by the controller probe. 0 = °C, 1 = °F. PLEASE NOTE: the switch between °C and °F DO NOT modify setpoint, differential, etc. (for example set=10°C become 10°F).			
	0		0	number
CONFIGURATION (folder with "Cnf" label)				
36	H00 Probe type selection, PTC or NTC. 0 = PTC; 1 = NTC.	(0...1)	1	number
37	H42 Evaporator probe present.	(0=n...1=Y)	Y	flag
38	FEL release firmware. Device version: read only parameter.	/	/	
39	IAb table of parameters. Reserved: read only parameter.	/	/	
COPY CARD (folder with "Fpr" label)				
40	UL Up load: Programming parameter transfer from instrument to Copy Card.		/	
41	dL Down load: Programming parameter transfer from Copy Card to instrument		/	
42	Fr Format: the default parameters of the instrument will be downloaded to the copy card.		/	

Note: After setting the parameters about timing, it is suggested to power on the instrument again.

## 7. Wiring Diagram:



- ★ Caution:
- 1. Confirm whether the power voltage meets the requirements of controller power supply, or else, the instrument might work improperly even burnout.
- 2. Probe down-leads and power wires should be kept for a proper distance to avoid possible interference.

## Appendix 1 Character Set:

0 1 2 3 4 5 6 7 8 9  
 A B C D E F G H I J  
 K L M N O P Q R S T  
 U V W X Y Z .  
 \_ - = +