



K3 = 16A = LightK4 = 8A = HumidifyK5 = 5A= Evaporator Fan

ic1= K6 = 8A= Defrost

Door switch or configurable

LIST OF HACCP ALARMS LOG

EVCO transformer model ECTSFB001 230V/12vac 5,6VA (non included)

EVHTP500 PROBE CONNECTION



PRECAUTIONS FOR ELECTRICAL CONNECTION

If using an electrical or pneumatic screwdriver, adjust the tightening torque Moving the device from cold to warm places, there may be internal conde ing. Wait about an hour before switching on the power. Make sure that the supply voltage, electrical frequency and power are wi

the set limits. See the section TECHNICAL SPECIFICATIONS.

Disconnect the power supply before doing any type of maintenance

Do not use the device as safety device.

For repairs and for further information, contact the EVCO sales network.

	(\mathbf{I})	Backward from a Menu	Turns On or Off instantaneously the unit regulation, display turns to black after a minute.	RESET To reset the b	Δ are listed into the MENU_SERVICE_HACCP log. linking alarm icon enter the MENU_SERVICE: Reset data
	V	Reduce a value or move down the prompt in a list of elements.		memory.	
	Λ _{AUX}	Increase a value or move up the prompt in a list of elements. To access the AUX functions			ONFIGURATION
	Ŷ	Turn On or Off manually the light output relay.		Touch the key	for 2 seconds to enter the configuration.
	SET	To change or confirm the setpoint, Select or confirm the element or a value.		Language Service Real time clock	Language Select the interface language. Service To show configuration Parameters, Alarms, Alarm Reset and Statistics.
le.		THE KEYBOARD vithout operating the keyboard is	automatically locked		Real time Clock To set the Clock if enabled. Available only if the clock option is available.
ens- thin	Push any keys fo	or two seconds to unlock the keyl	board .		To select the operative language. Basic languages I-GB ersion updates (N.A.).
		UNCTIONS nanual commands are available to	uching the AUX key:	MENU_SERVICE	to configure the I/O, reading values and maintenance.

4. FIRST HANDLING

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SERVICE MENU ITEMS

Parameters	To access and configure parameters
nternal value	To show I/O values.
Alarms	To show the list of active alarms
Reset data memory	Alarm Reset (code 149)
Parameters Restore	Re-load original parameter map. BE AWARE (*)
Haccp	Show the HACCP Log from last Alarm Reset.

(*) custom configuration can be different from default values. By reloading the original values, the loads connected to relay outputs can be dam-aged or wrongly perform if not corresponding. (2)

REAL TIME CLOCK

Real time clock functions are available if provided on board or connected with external interfaces EVIF23TSX or EVIF25TBX (Evlink), Enter this menu to set the clock. Function related to Clock



EXIT the menu with

Regulation functions available with the clock function

- daily defrost: Hd1..Hd6.

- daily Energy Saving: H01..H02

11. PARAMETERS AND PASSWORDS





PASSWORD

Para Password Enter the password using directly the up or down arrows, the pass background color turns to green, push SET to confirm: password value corresponding to "PS1=1" to enter level 1 parameters

password value corresponding to "PAS=-19" to enter all the parameters

12. REGULATION

Temperature regulation

The temperature setpoint can be set between the limits min "r1" and max "r2" The temperature is regulated with the following outputs:

 \Re Cooling between "SET+r0= on" (1) and "SET=off" (2).

Heating between "SET-r12= on" (3) and "SET=Off" (4)



TEMPERATURE REGULATION WITH NEUTRAL ZONE

Available by setting "r11<>0" the value is inserted between the SET and the dif ferential

- ₩ Cooling regulation "SET+r11+r0= on" (1) and "SET+r11=off" (2). w
- Heating regulation "SET-r11-r12" = on (3) and "SET-r11" = OFF (2).



HEATING MODULATION

The heating output can be modulated with "r13" by setting a duty cycle interval between 10 and 60". The "r13=60" value (default) means that the heating relay is always on when the request of heating is active

Be aware that increasing the switching frequency of the relay may introduce long term contact duration concerning.

For safety reasons the fan stop temperature "F1" must be set very high to avoid stopping the fan during the heating.

OPEN DOOR

The regulation can be suspended depending on "ic1" digital input function. Regulation can be restarted by forcing the timer setting "i3"

Humidity regulation SEt2

The Humidity is basically controlled by the following algorithms:

 \odot de-humidify is controlled between "SET2+rd0=On" (1) and "SET2=Off"

€ઝ humidify is controlled between "SET2-rh0=On" (3) and "SET2=Off" (4).



A NEUTRAL ZONE is available by setting "rh1" for the humidify process and "rd1" for the de-humidify process



OPEN DOOR regulation is suspended depending on "ic1" digital input func tion. Cooling regulation can be restarted by forcing the time parameter

\bigcirc DE-HUMIDIFY WITH COMPRESSOR (defult rd4=1)

Setting "rd4=0" the function is disabled, while setting the following values: "rd4=1" to use the compressor in de-humidify function. "rd4=2" to use the compressor+heating in de-humidify function.

13. EVAPORATING FAN



FAN STATUS

Parameter "FO" allows the following behaviors:

- 0= "Fans on with regulation on" (intended as compressor, heating, humidify, de umidify). F0=0 also allows to control fan cycles (*);
- 1 = Always ON, (default),
- 2= ON with regulation ON,
- 3= With temperature threshold F1, if the evaporator probe is enabled "Pr3=5" 4= ON with regulation On and threshold F1, if the evaporator probe is enabled "Pr3=5'

It is advised to use "F0= 3 or 4" values only without heating elements. For safety reason the fan stop temperature "F1" must be wisely set to avoid stopping the fan during the heating function.

OTHER SETTINGS

FAN TEMPERATURE THRESHOLD "F1" to lock for high temperature if "Pr3=5" Working with heating elements F1 must be set at high values to avoid turning the fan off

DEFROST with "F2" fan mode to determine the fan status. **DRIPPING** with "F3" to determine the fan stop time after the defrost.

The uc()=14 as "evaporator fan 2" function it is not available on this model.

14. FAN CYCLES FO=0 (*)

By using "F0=0" the evaporators fan can follows on-off cycles depending on the active function:

"C3" minimum compressor on time function overrides the thermoregulation even outside the temperature or humidity band until it is expired.

PROBE SAFETY: if a faulty or wrong probe connection events happen, the dis---.-". The compressor follows the "C4" (off) & "C5" (on) time in play shows minutes

CONDENSING and CONDENSING FAN (default: to be configured)

Condensing fan follow the compressor on status if no condensing probe is configured. By enabling the condensing probe Pr3=1 the following controls are available

- "Fc1+Fc2" Temperature threshold to turn on the condenser fan;
- "Fc1" condenser fan off temperature threshold;
- "Fc3" condenser fan off time after compressor off;

CONDENSER ALARM

"C6" threshold for high condensing when dangerous for the compressor, threshold for high condensing alarm that stop the compressor after "C8" time delay in minutes. A manual reset of the power supply is requested to restart the controls

DEFROST

The defrost control is performed after the "d0" interval if>0 and can be selected among the following mode "d1": 0=electric heater, 1= hot gas, 2=stop compressor

TEMPERATURE THRESHOLD is determined by "d2" and is available only if the evaporator probe is enabled "Pr3=5"

MAXIMUM DURATION determined by the time interval "d3" in minutes.

DEFROST AT POWER ON determined by the parameter "d4": 0 = no, 1 = nopost overcooling, 2=power-on & post-overcooling. DEFROST DELAY: "d5" in minutes following the "d4" selection.

DISPLAY LOCKED in DEFROST using "d11": 0=not locked, 1= locked.

COMPRESSOR STATUS PRE DEFROST time to keep the compressor on before hot gas defrost: 0=no enabled, d15>0 enabled.

RTC DEFROST When the clock function is available, the user can set 6 daily defrosts that start at "hd1..hd6 > 0" parameters. The function is independent from any other timer based functions of the unit. Te defrost reset the "d0" counting

DEFROST OUTPUT AS HEATER / DE-HUMIDIFY FUNCTION Setting "rd5=1" it is possible to use the defrost output also as alternative heating element the heating relay if not available.

AUXILIARY RELAY (default value: to be configured)

When configured with "uc ()=15" the auxiliary relay works as follow:

- on-off relay based on the cabinet probe reading if no auxiliary probe configured:
- on-off relay based on the the **auxiliary probe reading** if Pr3=4;
 - Manual On-Off via AUX key

After setting the output relay, configure the regulation as follow:

- "u6" Heating regulation (0), cooling regulation (1), manual via AUX key (2).
- "u7" Setpoint temperature to turn off the output if "u6=0 or 1"
 - "u8" Temperature differential of "u7" to turn on the output if "u6=0 or 1".

For probe error the relay is open.

AUX MANUAL FUNCTION

By setting "u6=2" the auxiliary relay can be turned on or off entering the $\ensuremath{\text{AUX}}$ menu and selecting AUX function.

16. DIGITAL INPUT 1 CONFIGURATION

The digital input 1 can be configured in "ic1" parameter, default door switch (7):

Turns Off and On the unit.

Compressor and Fan off, Light on;

Compressor off, Fan and Light on;

"i8" events , interval "i7". if "i8"=0 auto reset

0= Disabled.

- 1 = Energy Saving;
- 2= Alarm Multifunction; Only signaling

Light on;

0= active function with closed contact ; 1= active function with open contact

Regulation is suspended while the compressor can follow "i3" settings:

"i3>0" the compressor goes off, it will restart after this delay in minutes

- 3= Reserved
- 4= Remote Onoff; 5= Thermal switch;

8= Door open 2 :

9= Door open 3 :

Input polarity is determined by "iP1":

OPEN DOOR (default value: ic1=7)

"i3=0" compressor goes off;

"i3=-1" the compressor follows its regulation;

6= Reserved: 7= Door open 1 EVCO S.p.A. | EVJ506 | Instruction sheet ver. 1.0 | Codice 104J506E103 | Page 3 of 5 | LC 36/18

12 = Defrost	K6	Category of hea	at and fire resis	stance:	D.		Pbu		2	Buzzer e	nabled for alarm and keys	
13 = Reserved	(Low speed fap)	Dimensions:										
14 = Evaporator fan 2 15 = AUX	(Low speed fan) (Auxiliary u6,7,8)	111,4 x 76,4 x	48.0 mm									
		(4 3/8 x 3 x 1					SETP		LIST (FF	ROM KEY	BOARD)	
									545	0.55	SETPOINT	
	e of a default map is available only for the default CE_ Parameters Restore" and it must be done dis-	Mounting meth	ods:		panel with elas with double sti	tic mounting flaps or backpanel	₽	N.	PAR. SET	DEF. 10	temperature setpoint	MIN MAX. (°c) r1r2
connecting the loads. Be awar	e to accurately verify the functions related to the	Front Panel deg	ree of protection	on:	IP65		·		SET2	70	humidity setpoint	h1h2
relay outputs, configuration er	rors may activate unwanted loads.	Connections:	·								• • •	
19. ALARMS		screw connecto	or for wires up	Removable t	erminals by re-		PARA	MET	ERS LIST			
		to 2,5 mm ² .		quest 2,5 mm	1 ² ;	TTL Picoblade.						
Alarms are displayed on t	he bottom line of the display	Maximum lengt	nt for connectio	on cable:		1		Ν.	PAR.	DEF.	ANALOG INPUTS	MIN MAX.
	blems: open or short circuited sensor, wrong sen-	power supply:	10 m (32,8 ft)		analog inputs:	10 m (32,8 ft)		1	CA1	0	Ambient probe offset	-25+25 ° C/F
sor type or bad connection. "Probe 1 failure" Regulation	n probe failure, heating regulation is suspended,	digita inputs: 1	0 m (32,8 ft)		digital outputs:	10 m (32,8 ft).		2	CA2 CA3	0 0	Humidity Probe Offset Auxiliary Probe Offset	-25+25 %rH -25+25 °C/F
cooling regulation follows the o		Operating temp			-5 55 °C (32			4	PO	1	Probe Type	0=ptc 1=ntc
5	probe failure, humidity and de-humidity regula- elay to override it can be set using "AH7".	Storage temper Operating humi			-1070°C(-	13 158 °F).		5	P1	1	Enable °C Decimal Point	0=no 1=yes
	e failure. If working as evaporator defrost is per-	Operating num	iuity.		from 10 to 90	% not condensing.		6	P2	0	Temperature Unit Of Measu-	0 = Celsius
	ng as condenser probe the condenser fan follows	Dellution status	-6 44	der de el	2.		•				rement	1 = Fahrenheit
the compressor, if working as	auxiliary the AUX relay turns off.	Pollution status	or the control	device:								0 = Digital input 1 = Condenser Probe
TEMPERATURE ALARMS		Conformity:		1		1	0	7	Pr3	5	Probe 3 configuration	2 = Core Probe 3 = External Air
"LOW TEMPERATURE" setting	g the "A1" threshold.	RoHS 2011/65/	/CE	WEEE 2012/1	9/EU	REACH (CE) n. 1907/2006						4 = Auxiliary Probe
To configure the alarm: "A2" 0	= disabled, 1=relative to SET, 3=absolute value.	EN 60730-1			IEC 60730-1	11. 190//2000						5 = Defrost 2 Probe
		Power supply:	12vac/	/dc (±10%), 50	/60Hz(±3 Hz), 1	0 VA max	•		P5	1	Value Displayed (left side)	0 = None
"HIGH TEMPERATURE " setti To configure the alarm: "A5" 0	= disabled, 1=relative to SET, 3=absolute value.	Earthing metho	s for the contro	ol device	None.			8	P5		Setting to 0 the display is off.	1 = Input 1 2 = Input 2
· · · · · · · · · · · · · · · · · · ·	,			ordevice				\square			Value Displayed 2 (right	3 = Input 3
TEMPERATURE ALARM DELA		rated impulse-v	vithstand volta	ge:	4 KV.			9	P6	2	side).	4 = Setpoint 1 (T) 5 = Setpoint 2 (rH)
After a power-on with "A6" min During normal regulation with		Over-voltage ca	ategory:		111						Setting to 0 the display is off	
After a defrost with "A8" in min		Sftware class s			Α.			10	P8	5	Display Refresh Time to in- crease/decrease a digit.	0255 1/10 dec s
After closing the door with "A9		Real time clock	:		Incorporated li	thium battery		11	P9	5	Display 2 Refresh Time to in-	0255 1/10 dec s
			•				.	N.	PAR.	DEF.	crease/decrease a digit.	MIN MAX.
HUMIDITY ALARMS		Clock drift:				a 25 °C (77 °F).		14.	FAN.		Setpoint cooling Differential.	MIN MAX.
"LOW HUMIDITY ALARM" se "HIGH HUMIDIY ALARM" se	-	Clock battery a	utonomy in bla	ickout:	> 6 months 25	°C (77 °F).		12	r0	2	(SET+r0) (SET+r11+r0 if neutral zone)	0,115 °C/F
THOTTOWIDIT ALARM 36	ting the Arr relative to SET2.	Clock battery cl	harging time:		24 h (supplied	from the device).		13	r1	0	Minimum Setpoint Temp	-30 r2 °C/F
Humidity alarm delay "AH7" in	minutes and after a power-on with "A6" minutes.				2 for PTC or N	TC sensor (cabinet and auxiliary		14	r2	50	Maximum Setpoint Temp	r1 +99 °C/F
		Analogue input	s:		probe*).			15	r4	о	Setpoint Offset in Energy	099 °C/F
POWER FAILURE -					1 humidity Evc	o probe EVHTP500		16	r5	0	Saving Disable Hymidity regulation	0=no 1 =Yes
It is signaled after a power fail	ure longer than "A10" in minutes.	Digital inputs:			1 configurable			10	15	0	during Over Temp	
RTC CLOCK FAILURE								17	r6	о	Define the value of the tem- perature sepoint "SET +/- r6"	-40+99 °C/F
	led "Hr0=1" and the external modules EVIF23TSX	Other inputs:		* configurable	e auxiliary probe	e or pressure switch.		18	r7	0	in Over Temp OverTemp time duration	0240 min
or EVLINK are removed or in c	ase of low battery or battery failure.			6 configurable	e electromechani	cal relays:		-			Neutral Zone Value. With	
		Digital output:						19	r11	o	r11>0 the value is active for heating or cooling.	-10+10 ° C/F
DOOR OPEN ALARM	out "ic1 = 7/8/9" is active after the "i2" delay in	(K1) Compress	or:		SPST 30 A res.	@ 250 VAC					With r11<0 the value is ac- tive only for heating function.	
	when contact closed, " $iP1=1$ " active when contact	(K2) Heating:			SPDT 8 A res.	@ 250 VAC;					Setpoint Heating Differential	
	arm is disabled, and "i2=0" the alarm starts when	(K3) Light:			SPST 16A res.	@ 250 VAC		20	r12	-2	(SET-r12) (SET-r11-r12 if neutral zone).	-250,1 ° C/F
the door is open.								21	r13	60	Heating Duty Cycle. "r13=60"	060" s
MULTIFUNCTION ALARM		(K4) Huidify:			SPST 8 A res. (@ 250 VAC;			115		= always on, 0= Off.	0 = Disabled
	ut is set as "iC1=2" is active. With "iP1=0" active	(K5) Evaporato	r fan		SPST 5 A res.	@ 250 VAC;		22	r14	2	Temperature Priority control: if >0 the unit stops de-	1 = Heating (if T° rises)
when contact closed, "iP1=1" a	active when contact is open.	(K6) defrost			SPDT 8 A res.	@ 250 VAC.		22	114	2	humidify (with compressor) to adjust temperature first.	2 = Heat/Cool 3 = Cooling (if T° drops)
Regulation is not modified.						230 VAC,		N.	PAR.	DEF.	HUMIDITY	MIN MAX.
THERMAL SWITCH 1 ALARM		Type1 or type 2	2 action		Type 1.		-					
	t "iC1=5" is active. With "iP1=0" active when con-	Additiona feture	es for Type1 or	type 2 action	С.				h1	10	Minimum setpoint 2	0h2 %rH
tact closed, "iP1=1" active whe	•	Display:			TFT 2,8 inches	, 16 colors, 320 x 240 pixel.		24	h2	95	Maximum setpoint 2	h1100 %rH
	and restarts when the alarm disappears. Starting unit counts the alarm events "i8" during the "i7"	Buzzer:			on board.			\vdash			Setpoint of Extra Humidity	
	events is reached the alarm must be manually re-	Communication	port:			for parameter key or RS485 erter (alternative to BLE)		25			using AUX key manual func-	0.100.0/-11
0	is always automatic, with "i8=1" the alarm is al-							25	h4	0	tion. The value of "h4" re- place SET2 for the time set in	0100 %rH
ways manual.								\square			"h5". Extra humidity duration. 0=	
PRESSURE SWITCH ALARM		23. PARA						26	h5	0	function not enabled.	0240 min
	ne digital input is set as "iC3=1" is active. With	Using the EVJ			IS.			Ν.	PAR.	DEF.	DE-HUMIDIFY	MIN MAX.
	osed, "iP1=3" active when contact is open.		wer Supply is								REGULATION De-Humidity differential.	
	and restarts when the alarm disappears. Starting unit counts the number of alarm events "i8" during					insert the cable to TTL and		27	rd0	3	(SET2+rd0)	125 %rH
the "i6" interval. When the r	number of events is reached the alarm must be	or	eviker alb	-switches 1-2	-3 set to OFF.						(SET2+rd1+rd0 if neutral Zone)	
5	the alarm is always automatic, with "i8=1" the alarm duration is equal to "i6" the alarm counter	-	WNLOAD			GULATOR: insert the cable		28	rd1	0	De-Humidify Neutral Zone	010 %rH
does not increase.			TTL and the RN THE POW		witches 1-2-3	set to ON.		28	rd2	60	Fan On Time in De_humidify. 0= fan off.	0240 " s
								30	rd3	0	Fan Off Time In De-Humidify.	0240 " s
CONDENSER OVERHEATED		for some sec "communication			together, du	iring the data transfer the					0=normal function. De-Humidify with Compressor	
3	" $Pr3=1$ " and the temperature threshold "C6" the	DATA TRANS		0	led" is on.			21			or compressor and heater.	0 = Disabled 1 = Compressor 1
unit shows the condenser alari	n as soon as the temperature rises above "C6".	DATA TRANS						31	rd4	1	0= temperature and de- humidity outputs are inde-	2 = Compressor and Heat
COMPRESSOR BLOCKED for	high condensing	m						$\mid \mid$			pendent. Heating and de-Humidify	
	"Pr3=1" and the temperature threshold "C7" the		n					32	rd5	o	functions executed with De-	0=no 1=Yes
unit shows the condenser alar	m when the temperature rises above "C7" for the		U								frost output if no heating output is available.	
time "C8". Compressor regulat off and the on the unit.	ion is locked. Manual reset is necessary by turning							N.	PAR.	DEF.	HUMIDIFY REGULATION	MIN MAX.
			3								Humidify Differential (SET2-rh0)	
20 EVCONNECT_EV	LINK and MODBUS via RS485		Comr	nunication LED				33	rh0	-3	(SET2-rh1-rh0 if neutral	-251 %rH

Communication functions are in mutual exclusion: the presence of embed-ded or remote EVLINK (eg EVIF25TBX) prevents the user to connect a RS485 serial interface EVIF22TSX o EVIF23TSX and vice versa. Parameters involved:

 $\mbox{Hr0}$ enables the clock function 0=no 1=Yes. Connecting an EVLINK "Hr0" is automatically enabled and the "rtc" alarm appears. If the EVLINK is removed or fails the RTC alarm appears.

Inserting a EVIF23TSX the HrO parameter must be manually set.

BLE= enable EVLINK. BLE=1 and LA=247 the EVLINK communication is enabled while modbus communication is disabled. BLE=0 the serial interfaces EVIF22/23TSX for RS485 and MODBUS communication can operate.

PA1 = 824 service password access from EVCONNECT APP.

PA2= 642 user password access from EVCONNECT APP. It allows the use of EVCONNECT APP in user mode, the parameter change via APP is not available.

21. LOCAL PARAMETER PASSWORD

To access the parameters with local password via keyboard: $\ensuremath{\text{PAS}}\xspace=$ -19 service password for all the parameters; **PS1** = 1 password to access level 1 parameter.

22. TECHNICAL DATA	
Purpose of the control device:	function controller.
Construction of the controller device:	build-in electronic device.
Case:	Plastic Self extinguish or Open frame.

24		SWITCHES
24.	PARAM	ETERS
LEV	EL 1 PARAM	ETERS password PS1=1
CA1	0.0	Probe 1 calibration
CA2	2 0.0	Probe 2 calibration
rO	2.0	Heating differential
r12	-2.0	Cooling differential
rd0	3.0	De-humidify differential
rh0	-3.0	Humidify differential
d0	0 hours	s defrost interval
d2	8	End defrost temperature
d3	30 min	Defrost duration
PLi	1	Light key configuration in stand-by
•		

				zone)	
	34	rh1	0	Humidify Neutral Zone	010 % %rH
	35	rh2	60	Humidify Output On Time (or Fan if no rH output config- ured). 0= Humidify output off.	0240 " s
	36	rh3	ο	Humidify Output Off Time (or Fan if no rH output config- ured). 0= Humidify output normal.	0240 " s
	N.	PAR.	DEF.	COMPRESSOR	MIN MAX.
	37	со	0	Compressor ON Delay After Power-on	0240 min
	38	C2	3	Compressor OFF Minimum Time	0240 min
	39	C3	0	Compressor ON Minimum Time	0240 " s
	40	C4	10	Compressor OFF Time during Cabinet Probe Alarm	0240 min
P	41	C5	10	Compressor ON Time during Cabinet Probe Alarm	0240 min
	42	C6	80	Threshold for High Condensa- tion Warning	0199 ° C/F
	43	C7	90	Threshold for High Condensa- tion Alarm	0199 ° C/F
	44	С8	0	Compressor Shutdown Alarm Delay for high condensing.	015 min
	45	C10	0	Compressor run time for Ser- vice	days
	46	C11	10	Compressor 2 On Delay after Compressor 1	0240 " s
	N.	PAR.	DEF.	DEFROST	MIN MAX.
•	47	d0	8	Defrost interval time	099 h
•	48	d1	0	Type of Defrost	0 = Electric

	p.A.	EVJ506 Ins	truction snee	et ver. 1.0 Codice 104J506E103	Page 4 of 5 LC 36/18 1 = Hot gas	
	49	d2	8	Threshold for Defrost End	2 = Compressor Stop -99+99 ° C/F	
	50	d3	30	Defrost Duration	099 min	
	51	d4	0	Enable Defrost at Power-on	0=no 1=power on 2= post overcooling 3= power on and post overcooling	
	52	d5	0	Defrost Delay after Power-on	099 min	
	53	d6	1	Value Displayed during De- frost	0 = Regulation Value 1 = Display Locked 2 = reserved	
	55	d7	0	Dripping Time	015 min	
	56	d11	о	Enable Defrost Time-Out Alarm	0=NO 1=YES	
	57	d15	0	Compressor ON Consecutive Time for Hot Gas Defrost	099 min	
	N.	PAR.	DEF.	ALARMS	MIN MAX.	
	58	A1	0	Threshold for Low Tempera- ture Alarm	-99+99 ° ° C/F 0 = Disabled	
	59	A2	2	Low Temperature Alarm Type	1 = Relative to Setpoint 2 = Absolute	
	60	A4	50	Threshold for High Tempera- ture Alarm	-99+99 ° C/F	Ľ
	61	A5	2	HighTemperature Alarm Type	0 = Disabled 1 = Relative to Setpoint 2 = Absolute	C
	62	A6	120	High Temperature Alarm De- lay after Power-on	0240 min	
	63	A7	15	Temperature alarm delay	0240 min	(
	64	A8	15	High Temperature Alarm De- lay After Defrost	0240 min	_
	65	A9	15	High Temperature Alarm De- lay after Door Closing Power Failure Duration for PF	0240 min	
	66	A10	15	Alarm Recording High/Low Temperature Alarm	0240 min	
	67	A11	1	Reset Differential	0,115 ° C/F	
	68	AH1	50	to SET2 High Humidity Alarm relative	0100 %rH	
	69 70	AH4 AH7	50 30	to SET2 Humidity Alarm Delay and	0100 %rH	
	70 N.	PAR.	DEF.	sensor error.	MIN MAX.	
	71	FO	1	Evaporator Fan Mode during Normal Operation. With F0=0 parameters F11- F12, rd2-rd3, rh2-rh3 can enable a fan cycling regula- tion. For safety reason (use of heating elements and cycles) check the fan control chapter.	 0 = ON + Fan Cycling. 1 = ON (default) 2 = ON if regulation ON 3 = Thermoregulated (with F1 relative to Regulation Temper- ature) 4 = Thermoregulated if Compressor ON (with F1 relative to Regulation Temper- ature) 	
	72	F1	99	Threshold for Evaporator Fan Operation with F0=3 or 4. The fan starts under F1 and stops at "F1+F8".	-99+99 °C/F 0 = OFF	RS
Ş	73	F2	0	Evaporator Fan Mode during Defrost	1 = ON 2 = According to F0	
	74	F3	0	Evaporator Fan OFF Maxi- mum Time after Dripping	015 min	2
	75	F7	99	Threshold for Evaporator Fan ON after Dripping (relative to Setpoint)	-99+99 ° C/F	ſ
	76	F8	2	Evaporator Setpoint Differen- tial	0,115 ° C/F	
	77	F9	5	Evaporator Fan OFF Delay af- ter Compressor OFF	0240 "	
	78	F11	60	Fan On Time with no regula- tion. To be used with F0=0.	0240 "	
	79	F12	0	Fan Off Time with no Regula- tion. To be used with F0=0.	0240 "	
	N.	PAR.		CONDENSER FAN	MIN MAX.	
	80		DEF.	Threshold for Condenser Fan	0 99 ° C/F	
	80 81	Fc1 Fc2	25 5	ON Condenser Fan Differential	099 ° C/F 0,115 ° C/F	
_	81 82	Fc1 Fc2 Fc3	25 5 5	ON Condenser Fan Differential Condenser Fan Off delay	0,115 ° C/F 0240 " s	
	81	Fc1 Fc2	25 5	ON Condenser Fan Differential	0,115 ° C/F	
	81 82 N .	Fc1 Fc2 Fc3 PAR.	25 5 5 DEF.	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time	0,115 ° C/F 0240 " s MIN MAX.	
	81 82 N . 83	Fc1 Fc2 Fc3 PAR. i1	25 5 5 DEF. 0	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting.	0,115 ° C/F 0240 " s MI N MAX. 0240 min	
Id	81 82 N . 83 84	Fc1 Fc2 Fc3 PAR. i1 i2	25 5 DEF. 0 15	ON Condenser Fan Differential Condenser Fan Off delay DI GI TAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled Cooling Inhibition Max Time with Open Door -1=disabled O= immediate without re- starting. Multi-purpose Input Alarm Delay	0,115 ° C/F 0240 * s MIN MAX. 0240 min -1120 min	
Id	81 82 N. 83 84 85	Fc1 Fc2 Fc3 PAR. i1 i2 i3	25 5 DEF. 0 15 15 0 60	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min	
Id	81 82 N . 83 84 85 86	Fc1 Fc2 Fc3 PAR. i1 i2 i3	25 5 5 DEF. 0 15 15	ON Condenser Fan Differential Condenser Fan Off delay DI GI TAL I NPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min	
Id	81 82 N. 83 84 85 86 87	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i5 i6	25 5 DEF. 0 15 15 0 60	ON Condenser Fan Differential Condenser Fan Off delay DI GI TAL I NPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic,	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min	
Id	81 82 83 84 85 86 87 88	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i3 i5 i6 i7	25 5 5 0EF. 0 15 15 0 60 60	ON Condenser Fan Differential Condenser Fan Off delay DI GITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1 = disabled 0= immediate Cooling Inhibition Max Time with Open Door -1 = disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm.	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min	
Id	81 82 N. 83 84 85 86 87 88 88	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i5 i6 i7 i8	25 5 5 DEF. 0 15 15 0 60 60 1	ON Condenser Fan Differential Condenser Fan Off delay DI GITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1 = disabled 0= immediate Cooling Inhibition Max Time with Open Door -1 = disabled 0= immediate without restarting. Multi-purpose Input Alarm Delay High Pressure Events Counting Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configuration. The manual control is	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min	
	81 82 83 84 85 86 87 88 88 88 89 N . 90	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i3 i5 i6 i7 i8 PAR. u6	25 5 5 0EF. 0 15 15 0 60 60 1 1 DEF. 0	ON Condenser Fan Differential Condenser Fan Off delay DI GI TAL I NPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configura- tion. The manual control is operated via AUX key.	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 015 MIN MAX. 0 = Heating 1 = Cooling 2 = Manual	
Id X	81 82 N. 83 84 85 86 87 88 88 88 89 N.	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i5 i6 i7 i8 PAR. u6 u7	25 5 5 DEF. 0 15 15 60 60 60 60 1 1 DEF. 0	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1 = disabled 0 = immediate Cooling Inhibition Max Time with Open Door -1 = disabled 0 = immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0 = always automatic, 1 = always manual. UAXILIARY RELAY Auxiliary output configura- tion. The manual control is operated via AUX key. Auxiliary differential for "u7"	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 0120 min 015 MIN MAX. 0 = Heating 1 = Cooling 2 = Manual -99+99 ° C/F	
	81 82 83 84 85 86 87 88 88 89 N. 90 91	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i3 i5 i6 i7 i8 PAR. u6	25 5 5 0EF. 0 15 15 0 60 60 1 1 DEF. 0	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXI LIARY RELAY Auxiliary output configura- tion. The manual control is operated via AUX key. Auxiliary Setpoint if "u6=1 or 2".	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 015 MIN MAX. 0 = Heating 1 = Cooling 2 = Manual	
	81 82 83 84 85 86 87 88 88 89 N. 900 91 92	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i3 i5 i6 i7 i8 PAR. u6 u7 u8	25 5 5 DEF. 0 15 15 0 60 60 60 1 DEF. 0 0.0 1.0	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configura- tion. The manual control is operated via AUX key. Auxiliary differential for "u7" if "u6=1 or 2"	0,115 ° C/F 0240 " s MI N MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 015 MI N MAX. 0 = Heating 1 = Cooling 2 = Manual -99+99 ° C/F 0,115 ° C/F	
*	81 82 83 84 85 86 87 88 88 89 90 91 92 91 92 N.	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i3 i5 i6 i7 i8 PAR. u6 u7 u8 PAR.	25 5 5 0EF. 0 15 15 0 60 60 60 1 1 DEF. 0 0.0 1.0 DEF.	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay1=disabled 0= immediate Cooling Inhibition Max Time with Open Door -1=disabled 0= immediate without re- starting. Multi-purpose Input Alarm Delay High Pressure Events Count- ing Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configura- tion. The manual control is operated via AUX key. Auxiliary Setpoint if "u6=1 or 2" DIGITAL INPUT CONF. Multi-purpose Input Function, Multi-purpose Input Function,	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 0120 min 0120 min 0120 min 015 MIN MAX. 0 = Heating 1 = Cooling 2 = Manual -99+99 ° C/F 0,115 ° C/F MIN MAX. 0 = Disabled 1 = Multifunction alarm 2 = reserved 3 = 1 = reserved 4 = Stand-by 5 = Thermal Switch 1 5 = Thermal Switch 2 7 = Compressor + Evaporator Fan OFF, Light ON 8 = Evaporator Fan OFF,	
*	81 82 83 84 85 86 87 88 88 89 90 91 92 91 92 93	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i5 i6 i7 i8 PAR. u6 u7 u8 PAR. u6 u7 u8 PAR.	25 5 5 DEF. 0 15 15 0 60 60 60 60 1 0 EF. 0 0.0 1.0 DEF. 7	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1 = disabled 0= immediate Cooling Inhibition Max Time with Open Door -1 = disabled 0= immediate without restarting. Multi-purpose Input Alarm Delay High Pressure Events Counting Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configuration. The manual control is operated via AUX key. Auxiliary differential for "u7" if "u6=1 or 2". Auxiliary differential for "u7" if "u6=1 or 2". DIGITAL INPUT CONF. Multi-purpose Input Function, Door switch: 7,8 or 9.	0,115 ° C/F 0240 " s MI N MAX. 0240 min -1120 min -1120 min 0120 min 015 MI N MAX. 0 = Heating 1 = Cooling 2 = Manual -99+99 ° C/F 0,115 ° C/F MI N MAX. 0 = Disabled 1 = Multifunction alarm 2 = reserved 3 = reserved 3 = reserved 4 = Stand-by 5 = Thermal Switch 1 5 = Thermal Switch 2 7 = Compressor + Evaporator Fan OFF, Light ON 8 = Evaporator Fan OFF, Light ON	
*	81 82 83 84 85 86 87 88 88 89 90 91 92 92 N . 92 93	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i5 i6 i7 i8 PAR. u6 u7 u8 PAR. u6 u7 u8 PAR.	25 5 5 0EF. 0 15 15 0 60 60 60 60 1 0 0 0.0 1.0 0 EF. 7 7	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1 = disabled 0= immediate Cooling Inhibition Max Time with Open Door -1 = disabled 0= immediate without re-starting. Multi-purpose Input Alarm Delay High Pressure Events Counting Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configuration. The manual control is operated via AUX key. Auxiliary differential for "u7" if "u6=1 or 2". Auxiliary Gifferential for "u7" if "u6=1 or 2". DIGITAL INPUT CONF. Multi-purpose Input Function, Door switch: 7,8 or 9. Multi-purpose Input 1 Activation. 0= function active for contact closed. Digital Input 3 configuration Pr3=0. Multi-purpose Input 3 Activation. 0= function active for contact closed.	0,115 ° C/F 0240 " s MIN MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 0120 min 0120 min 0120 min 015 MIN MAX. 0 = Heating 1 = Cooling 2 = Manual -99+99 ° C/F 0,115 ° C/F MIN MAX. 0 = Disabled 1 = Multifunction alarm 2 = reserved 3 = e reserved 4 = Stand-by 5 = Thermal Switch 1 5 = Thermal Switch 2 7 = Compressor + Evaporator Fan OFF, Light ON 8 = Evaporator Fan OFF, Light ON 9 = Compressor + Evaporator Fan OFF, Light ON 0 = closed 1=open 0 = disabled	
*	81 82 N. 85 86 87 88 89 90 91 92 93 94 95	Fc1 Fc2 Fc3 PAR. i1 i2 i3 i3 i5 i6 i7 i8 PAR. u6 u7 u8 PAR. u6 u7 u8 PAR.	25 5 5 0EF. 0 15 15 0 60 60 60 60 1 0 0 0 0 0 7 7	ON Condenser Fan Differential Condenser Fan Off delay DIGITAL INPUTS FUNC Lock Display with Open Door Open Door Alarm Delay. -1 = disabled 0= immediate Cooling Inhibition Max Time with Open Door -1 = disabled 0= immediate without restarting. Multi-purpose Input Alarm Delay High Pressure Events Counting Interval Multi-purpose Input Alarm Delay Digital Input Event Counting For Pressure or Thermal Alarm. 0= always automatic, 1= always manual. UAXILIARY RELAY Auxiliary output configuration. The manual control is operated via AUX key. Auxiliary differential for "u7" if "u6=1 or 2". Auxiliary differential for "u7" if "u6=1 or 2". DIGITAL INPUT CONF. Multi-purpose Input Function, Door switch: 7,8 or 9. Multi-purpose Input 1 Activation. 0= function active for contact closed. Digital Input 3 configuration Pr3=0.	0,115 ° C/F 0240 " s MI N MAX. 0240 min -1120 min -1120 min 0120 min 0120 min 0120 min 0120 min 0120 min 0120 min 0120 min 015 MI N MAX. 0 = Heating 1 = Cooling 2 = Manual -99+99 ° C/F 0,115 ° C/F MI N MAX. 0 = Disabled 1 = Multifunction alarm 2 = reserved 3 = 1 = reserved 4 = Stand-by 5 = Thermal Switch 1 5 = Thermal Switch 2 7 = Compressor + Evap- orator Fan OFF, Light ON 8 = Evaporator Fan OFF, Light ON 9 = Compressor + Evap- orator Fan OFF, Light ON 0 = closed 1 = open 0 = disabled 1 = high pressure switch	

	97	uc1	4	K1 Output Configuration (C)	0 = Disabled
	98	uc2	5	K2 Output Configuration (Ht)	1 = Humidity 2 = de-Humidfy
	99	uc3	9	K3 Output Configuration (L)	3 = Alarm
	100	uc4	1	K4 Output Configuration (rH)	4 = Compressor 1
	101	uc5	11	K5 Output Configuration (EF)	5 = Heating 6 = Condenser Fans
	102	uc6	12	K6 Output Configuration (Def)	7 = ON / STAND-BY 8 = Air Change 9 = Light 10 = Compressor 2 11 = Evaporator Fans 12 = Defrost 13 = Reserved 14 = Evaporator Fan 2 15 = Auxiliary Relay
	Ν.	PAR.	DEF.	TOUCH KEYS	MIN MAX.
	103	POF	1	Enable ON/Stand-by Key	0 = no 1 = yes
	104	PLi	1	Light button in stand-by	0 = no 1 = yes
C	105	PSr	1	Disable Alarm Output by Si- lencing the Buzzer	0 = no 1 = yes
	106	Pbu	2	Enable key and Buzzer Func- tion	0 = no 1 = only alarm, no keys 2 = alarm and keys
	Ν.	PAR.	DEF.	PASSWORD	MIN MAX.
	107	PAS	-19	Password for all parameters	-99 999
۲J	108	PS1	1	Level 1 service	-99 999
\odot	109	PA1	426	Evlink user password	-99 999
	110	PS2	824	Evlink service password	-99 999
	Ν.	PAR.	DEF.	CLOCK	MIN MAX.
0				Enable clock function.	0 = n0
G	111	Hr0	0/1	1= for models provided with rtc or EVLINK on board.	1 = yes
	Ν.	PAR.	DEF.	DATALOGGER	MIN MAX.
	112	BLE	1	"1"= EVLINK presence leav- ing LA, Lb and LP to default. To enable modbus communi- cation via EVIF22/23TSX modules set to "0".	0 = no (Modbus active) 1 = Yes (EVLINK active)
	113	rEO	15	Recording interval	0240 min
	113	rEO rE1	15 4	Recording interval Select Probes for Data-logger Recording	0240 min 0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes
				Select Probes for Data-logger	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all
	114	rE1	4	Select Probes for Data-logger Recording REAL TIME DEFROST	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes
	114 N .	rE1 PAR.	4 DEF.	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX.
▲ ©	114 N .	rE1 PAR. Hd1	4 DEF.	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time	0=none 1=probe 1; 2= probe 2 = probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h
• <u></u> ©	114 N . 115 116	rE1 PAR. Hd1 Hd2	4 DEF. 	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h
•, [©]	114 N . 115 116 117	rE1 PAR. Hd1 Hd2 Hd3	4 DEF.	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 3d Daily Defrost Time	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h 024 h
•,©	 114 N. 115 116 117 118 	rE1 PAR. Hd1 Hd2 Hd3 Hd4	4 DEF. 	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h 024 h 024 h
•, [©]	 114 N. 115 116 117 118 119 	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5	4 DEF. 	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h 024 h 024 h 024 h
•,©	 114 N. 115 116 117 118 119 120 	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6	4 DEF.	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time 6th Daily Defrost Time	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h 024 h 024 h 024 h 024 h
• • RS485	114 N . 115 116 117 118 119 120 N . 121	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR.	4 DEF. DEF.	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time 6th Daily Defrost Time MODBUS	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h 024 h 024 h 024 h 024 h 024 h 1247 0= 2400; 1= 4800 2= 9600; 3= 19200
••••••••••••••••••••••••••••••••••••••	114 N . 115 116 117 118 119 120 N . 121	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. LA	4 DEF. DEF. 247	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time 6th Daily Defrost Time MODBUS MODBUS address if BLE=0	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h 024 h 024 h 024 h 024 h 024 h 1247 0= 2400; 1= 4800 2= 9600; 3= 19200
€ № № №	1114 N. 1115 1116 1117 1118 1119 1200 N. 1221 1222	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. LA Lb	4 DEF. DEF. 247 3	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time 6th Daily Defrost Time MODBUS MODBUS address if BLE=0 MODBUS Baud Rate if BLE=0.	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024
••••• RS485	1114 N. 1115 1116 1117 118 1119 1200 N. 1221 1222 1233	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. LA Lb LP	4 DEF. DEF. 247 3 2	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time 6th Daily Defrost Time 6th Daily Defrost Time MODBUS MODBUS address if BLE=0 MODBUS Baud Rate if BLE=0. Modbus Parity if BLE=0.	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024
€	N. 115 116 117 118 119 120 N. 121 122 123 N.	rE1 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. LA Lb LD LP PAR.	4 DEF. DEF. 247 3 2 DEF.	Select Probes for Data-logger Recording REAL TIME DEFROST Hr0=1 1st Daily Defrost Time 2nd Daily Defrost Time 3d Daily Defrost Time 4th Daily Defrost Time 5th Daily Defrost Time 6th Daily Defrost Time MODBUS MODBUS address if BLE=0 MODBUS Baud Rate if BLE=0. Modbus Parity if BLE=0. ENERGY SAVING Energy Saving Max Duration	0=none 1=probe 1; 2= probe 2 3= probe 3; 4= probe 1 e probe 2; 5= all probes MIN MAX. 024 h 024 h MIN MAX. 1 047 0= 2400; 1= 4800 2= 9600; 3= 19200 0= None; 1= Odd; 2= Even

N.B. The of eld

The device must be disposed of according to local regulations governing the collection of electrical and electronic waste.

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