### Controller for refrigerated cabinets, undercounters and islands, with energy-saving strategies and compatible with EVCO Android APP



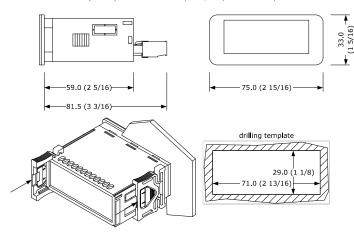




- controller for low temperature units
- power supply 115... 230 VAC
- cabinet probe and evaporator probe (PTC/NTC)
- door switch input
- compressor relay 16 A res. @ 250 VAC
- TTL MODBUS slave port for EVCO Android APP or BMS
- cooling or heating operation.

### MEASUREMENTS AND INSTALLATION

ments in mm (inches). To be fitted to a panel, snap-in brackets provided



#### INSTALLATION PRECAUTIONS

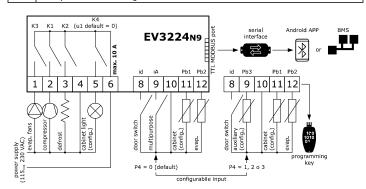
- The thickness of the panel must be between 0.8 and 2.0 mm (1/32 and 1/16 in) Ensure that the working conditions are within the limits stated in the  $\emph{TECHNICAL}$ SPECIFICATIONS section.
- Do not install the device close to heat sources, equipment with a strong magnetic field, in places subject to direct sunlight, rain, damp, excessive dust, mechanical vibrations or shocks.
- In compliance with safety regulations, the device must be installed properly to ensure adequate protection from contact with electrical parts. All protective parts must be fixed in such a way as to need the aid of a tool to remove them.

### 2 ELECTRICAL CONNECTION



Use cables of an adequate section for the current running through them.

To reduce any electromagnetic interference connect the power cables as far away as possible from the signal cable



## PRECAUTIONS FOR ELECTRICAL CONNECTION

- If using an electrical or pneumatic screwdriver, adjust the tightening torque. If the device has been moved from a cold to a warm place, the humidity may have caused condensation to form inside. Wait about an hour before switching on the
- Make sure that the supply voltage, electrical frequency and power are within 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.

# FIRST-TIME

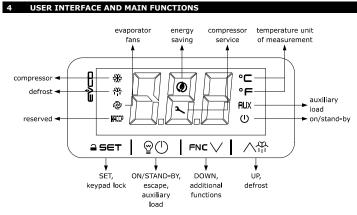
- Install following the instructions given in the section MEASUREMENTS AND INSTALLA-
- Power up the device as shown in the section ELECTRICAL CONNECTION and an internal
- The test normally takes a few seconds, when it is finished the display will switch off.

Configure the device as shown in the section Setting configuration parameters.

	Recomr	nended configuration parameters for firs	t-time use.
PAR.	DEF.	PARAMETER	MIN MAX.
SP	0.0	setpoint	r1 r2
P0	1	probe type	0 = PTC 1 = NTC
P2	0	temperature unit of measurement	0 = °C 1 = °F
d1	0	defrost type	0 = electric 1 = hot gas
			2 = compressor stopped

Then check that the remaining settings are appropriate; see the section  ${\it CONFIGURA-1}$ TION PARAMETERS.

- Disconnect the device from the mains.
- Make the electrical connection as shown in the section  $\it ELECTRICAL\ CONNECTION\$  with-
- For the connection in an RS-485 network connect the interface EVIF22TSX or EVIF23TSX, to activate real time functions connect the module EVIF23TSX, to use the device with the APP EVconnect connect the interface EVIF25TBX (EVlink); see the relevant instruction sheets.
- Power up the device.



#### Switching the device on/off

If POF = 1 (default), touch the ON/STAND-BY key for 2 s.

If the device is switched on, the display will show the P5 value ("cabinet temperature" default); if the display shows an alarm code, see the section *ALARMS*.

	LED	ON	OFF	FLASHING
	*	compressor on	- setpoint setting active - defrost delay active - dripping active - dripping active - dripping active - reserved  reserved  reserved  reserved  - settings active - access to additional functions active - overcooling or overheating active	
	*	defrost or pre-dripping active		,
	@	evaporator fans on	evaporator fans off	evaporator fans stop active
	НАССР	reserved	reserved	reserved
	<b>(2)</b>	energy saving active	-	-
1	٦	request for compressor service	-	- access to additional functions
	°C/°F	view temperature	-	- compressor protection active - setpoint setting active - defrost delay active - dripping active evaporator fans stop active reserved settings active - access to additional function active overcooling or overheating active - auxiliary load on by digital inpu
	AUX	auxiliary load on	auxiliary load off	- auxiliary load on by digital input - auxiliary load delay active
	(1)	device off	device on	device on/off active

If Loc = 1 (default) and 30s have elapsed without the keys being pressed, the display will show the "Loc" label and the keypad will lock automatically.

### Unlock keypad

Touch a key for 1 s: the display will show the label " $\mathbf{UnL}''$ .

#### 4.3 Set the setpoint

Check that the keypad is not locked.

1.	≟SET	Touch the SET key.
2.	√ FNE V	Touch the UP or DOWN key within 15s to set the value within the limits r1 and r2 (default "-50 $50$ ")
3.	≙SET	Touch the SET key (or do not operate for 15s).

#### Activate manual defrost

Check that the keypad is not locked and that overcooling is not active.

Touch the UP key for 2 s.

If P3 = 1 (default), defrost is activated provided that the evaporator temperature is lower than the d2 threshold.

#### Cabinet light on/off (if u1 = 0, default)

Touch the ON/STAND-BY key.

if u1 = 1, the **demisting heaters** switch on for the u6 duration. if u1 = 2 and the keypad is not locked, auxiliary output switches on/off.

#### Silence buzzer (if present)

Touch a key.

energy saving

If u1 = 3 and u4 = 1, the alarm output switches off.

#### ADDITIONAL FUNCTIONS Activate/deactivate overcooling, overheating and manual energy saving Check that the keypad is not locked

FNC \ Touch the DOWN key.

FUNCTION	CONDITION	CONSEQUENCE
overcooling	r5 = 0, $r8 = 1$ and defrost	the setpoint becomes "setpoint -
	not active	r6", for the r7 duration
overheating	r5 and r8 = 1	the setpoint becomes "setpoint +

r6", for the r7 duration

the setpoint becomes "setpoint +

r4", at maximum for HE2 duration

### View/delete compressor functioning hours and view compressor start-up number

r5 = 0 and r8 = 2

Check that the keypad is not locked.

1.	FN	c 🗸 📗	Touch the DOWN key for 4 s.
2.	√ FN		Touch the UP or DOWN key within 15 s to select a label.
	LAB.	DESCRIPTION	ON
	СН	view compr	essor functioning hours (hundreds)
	rCH	delete comp	pressor functioning hours
	nS1	compressor	start-up number (thousands)
3.	= 9	∋∈⊤	Touch the SET key.
4.	√FN		Touch the UP or DOWN key to set "149" (when label "rCH" is selected).
5.	= 9	5€T <b> </b>	Touch the SET key.
6.	=	00	Touch the ON/STAND-BY key (or do not operate for 60 s) to exit the procedure.

# 5.3 View the temperature detected by the probes

# Check that the keypad is not locked.

1.	FN	c ∨	Touch the DOWN key for 4 s.
2.	√FN		Touch the UP or DOWN key within 15 s to select a label.
	LAB. DESCRIPTI		ON
	Pb1 cabinet ter		perature (if P4 = 0, 1 or 2)
	PDI	inlet air tem	perature (if P4 = 3)
	Pb2	evaporator	temperature (if P3 = 1 or 2)
	Pb3	auxiliary ter	mperature (if P4 = 1, 2 or 3)
	Pb4	calculated p	product temperature (CPT; if P4 = 3)
3.	= 9	∍∈⊤	Touch the SET key.
4.	I @	(h)	Touch the ON/STAND-BY key (or do not operate for 60 s) to exit
••	I ≌	$\cup$ I	the procedure.

6	SETTINGS	
	Setting configurat	ion parameters
1.	aset	Touch the SET key for 4 s: the display will show the label "PA".
2.	≙SET	Touch the SET key.
3.		Touch the UP or DOWN key within 15 s to set the PAS value (default "-19").
4.	aset	Touch the SET key (or do not operate for 15 s): the display will show the label "SP".
5.		Touch the UP or DOWN key to select a parameter.
6.	aset	Touch the SET key.
7.	₹ FNL Y	Touch the UP or DOWN key within 15s to set the value.
8.	aset	Touch the SET key (or do not operate for 15 s).
9.	≙SET	Touch the SET key for $4\mathrm{s}$ (or do not operate for $60\mathrm{s}$ ) to exit the procedure.

#### Set the date, time and day of the week (only if module EVIF23TSX or interface EVIF25TBX is connected)

Ö,

- Do not disconnect the device from the mains within two minutes since the setting  $\ensuremath{\mathsf{N}}$ of the time and day of the week  $% \left\{ 1,2,...,n\right\}$
- If the device communicates with the APP EVconnect, the date, time and day of the week will automatically be set by the smartphone or tablet.

#### Check that the keypad is not locked.

CITCCK	i i i i i i i	Kcypaa is no	l		
1.	FN	c∨	Touch the DOWN key for 4 s.		
2.	√ FN		Touch the UP or DOWN key within 15 s to select the label "rtc".		
3.	1 29	SET	Touch the SET key: the display will show the label "yy" followed by the last two figures of the year.		
4.	√ FN		Touch the UP or DOWN key within 15 s to set the year.		
5.	Repea	t actions 3. a	and 4. to set the next labels.		
	LAB.	DESCRIPTION	ON OF THE NUMBERS FOLLOWING THE LABEL		
	n	month (01	12)		
	d	day (01 3	1)		
	h	time (00 2	23)		
	n	minute (00.	59)		
6.	1 29	SET	Touch the SET key: the display will show the label for the day of the week.		
7.	f	<u> </u>	Touch the UP or DOWN key within 15s to set the day of the week.		
	LAB.	DESCRIPTION	ON		
	Mon	Monday			
	tuE	Tuesday			
	UEd	Wednesday			
	thu	Thursday			
	Fri	Friday			
	Sat	Saturday			
	Sun	Sunday	<u> </u>		
8.	و د اا	эет I	Touch the SET key: the device will exit the procedure.		

#### 6.3 Restore the factory settings (default) and store customized settings as default

Ö PARAMETERS.

Check that the factory settings are appropriate; see the section  ${\it CONFIGURATION}$ the storing of customized settings overwrites the default.

Touch the ON/STAND-BY key to exit the procedure beforehand.

1.	==	<b>5</b> €⊤	Touch the SET key for 4 s: the display will show the label "PA".
2.	aset		Touch the SET key.
3.	√ FN	<u></u>	Touch the UP or DOWN key within 15 s to set the value.
	VAL.	DESCRIPTION	ON
	149 value to re		tore the factory settings (default)
	161	value to sto	re customized settings as default
4.	==	5€T	Touch the SET key (or do not operate for 15 s): the display will show the label "dEF" (when value "149" is set) or the label "MAP" (when value "161" is set).
5.	1 = 9	5ET	Touch the SET key.
6.	√ FN	<u>^</u> ₩  •	Touch the UP or DOWN key within 15 s to set "4".
7.	= 9	5ET	Touch the SET key (or do not operate for 15 s): the display will show for 4 s "" flashing, then the device will exit the procedure.
8.	Interru	pt the powe	r supply to the device.
9.	==	<b>5</b> €T	Touch the SET key 2 s before action 6. to exit the procedure beforehand. $ \label{eq:condition} % \begin{subarray}{ll} \end{subarray} % su$

## 7 CONFIGURATION PARAMETERS

ด≣ไ	N.	PAR.	DEF.	SETPOINT	MIN MAX.
<b>O</b>	1	SP	0,0	setpoint	r1 r2; see r0
	N.	PAR.	DEF.	ANALOGUE INPUTS	MIN MAX.
	2	CA1	0,0	if P4 = 0 2, cabinet probe off-	-25 25 °C/°F
N.   PAR.   DEF.   ANALOGUE INPUTS   M.					
		SP			
	7	P2	0	'	0 = °C 1 = °F
	8	P3	1	evaporator probe function	0 = absent
					2 = fans
_	9	P4	0	I	
ノ				l - ' ' ' '	
•					•
				I	· ·
				lilary probe)	
	10	D5	0	value displayed in normal opera-	
	10	13	"	' '	
				1011	· · · · · · · · · · · · · · · · · · ·
					2 = evaporator T
					3 = auxiliary T; see P4
					4 = if P4 = 3, inlet air T
	11	P7	5	inlet air weight for calculated	0 10 % x 10
				product temperature (CPT)	
	13				
	13	10	2,0	setpoint differential	
	14	r1	-50	minimum setnoint	
	15	r2	50,0	maximum setpoint	r1 199 °C/°F
	16	r4	0,0	if r5 = 0, setpoint offset in ener-	0 99 °C/°F; see HE2
			-,-	gy saving	
	17	r5	0	cooling or heating operation	0 = cooling
				]	1 = heating
4	18	r6	0,0	if r5 = 0, setpoint offset in over-	0 99 °C/°F; see r7
1				cooling; if r5 = 1, setpoint offset	
				in overheating	
	19	r7	30	if $r5 = 0$ , overcooling duration; if	0 240 min; see r6
				r5 = 1 overheating duration	
	20	r8	0	DOWN key additional function	0 = none
					1 = if  r5 = 0,  overcooling; if
					r5 = 1, overheating
	2.		_	h	2 = energy saving
	21	r12	0	type of setpoint differential r0	0 = symmetrical

1 = asymmetrical

EVCO S.	p.A.	EV3294	Instru	ction sheet ver. 1.0   Code 1043294E10	3   Page 2 of 3   PT 26/16
	N. 22	PAR.	DEF.	COMPRESSOR PROTECTIONS compressor ON delay after pow-	MIN MAX. 0 240 min
	23	C2	3	er-on compressor OFF minimum time	0 240 min
	24 25	C3 C4	10	compressor ON minimum time compressor OFF time in cabinet	0 240 s 0 240 min; see C5
	26	C5	10	probe alarm  compressor ON time in cabinet	0 240 min; see C4
	27	C6	80,0	high condensing warning thre-	0 199 °C/°F
	28	C7	90,0	shold high condensing alarm threshold	differential = 2 °C/4 °F 0 199 °C/°F
	30	C8 C10	1	high condensing alarm delay compressor functioning hours for	0 15 min 0 999 h x 100
	31	C11	0	compressor ON delay after other	0 240 min
	32	C13	0	compressor ON start-up number to rotate com-	0 100
	N.	PAR.	DEF.	pressors  DEFROST (se r5 = 0)	0 = no rotation MIN MAX.
	33	d0	8	if d8 = 0 2, defrost interval; if d8 = 3 maximum defrost interval	0 99 h 0 = only manual
	34	d1	0	defrost type	0 = electric 1 = hot gas 2 = compressor stopped
	35 36	d2 d3	8,0 30	threshold for defrost end se P3 = 0 o 2, defrost duration;	-99 99 °C/°F; see d3 0 99 min; see d2
	30	us		se P3 = 1, maximum defrost duration	o 33 mm, see uz
	37	d4	0	se d8 = 0 3, enable defrost after power-on	0 = NO 1 = YES
	38	d5	0	se d4 = 1, defrost dealy after power-on	0 99 min
	39	d6	2	if P5 = 0, value displayed in de- frost	0 = cabinet T /CPT 1 = at maximum "SP + r0" or cabinet T/CPT at de- frost activation 2 = code "dEF"
	40 41	d7 d8	2 0	dripping duration defrost interval d0 counting mo-	0 15 min 0 = device ON
٥,				de	1 = compressor ON 2 = evaporator T < d9 3 = adaptive 4 = real time
	42	d9	0,0	if d8 = 2, evaporator tempera- ture threshold for defrost interval	-99 99 °C/°F
	43	d11 d15	0	d0 counting enable defrost time-out alarm if d1 = 1, consecutive compres-	0 = NO 1 = YES 0 99 min
	44	uis		sor ON minimum time for defrost consent	U 99 IIIIII
	45 46	d16	0 40	if $d1 = 1$ , pre-dripping duration if $d8 = 3$ , defrost interval	0 99 min 0 999 min; see d0
					if compressor ON and evaporator T < d22
	47	d19	3,0	if $d8 = 3$ , threshold relative to	0 = only manual 0 40 °C/°F
				optimal evaporator temperature for defrost	"optimal T - d19"
	48	d20	180	consecutive compressor ON time for defrost	0 999 min 0 = absent
	49	d21	200	consecutive compressor ON time after power-on and after over-	0 500 min if "(cabinet T /CPT - SP) >
				cooling for defrost	10°C/20 °F" 0 = absent
	50	d22	-2,0	if $d8 = 3$ , threshold relative to	-10 10 °C/°F
				optimal evaporator temperature	"optimal T + d22"
	N.	PAR.	DEF.	for defrost interval d18 counting TEMPERATURE ALARMS	MIN MAX.
	N. 51	PAR.	DEF.	for defrost interval d18 counting	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T
	51	AA	0	for defrost interval d18 counting TEMPERATURE ALARMS temperature selection for high and low temperature alarm	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4
	-			for defrost interval d18 counting TEMPERATURE ALARMS temperature selection for high and low temperature alarm low temperature alarm threshold	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4
	51 52	AA A1	-10,0	for defrost interval d18 counting TEMPERATURE ALARMS temperature selection for high and low temperature alarm	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")
	51 52	AA A1	-10,0	for defrost interval d18 counting TEMPERATURE ALARMS temperature selection for high and low temperature alarm low temperature alarm threshold	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent
	51 52 53	AA A1 A2	-10,0	for defrost interval d18 counting TEMPERATURE ALARMS temperature selection for high and low temperature alarm low temperature alarm threshold low temperature alarm type high temperature alarm thre-	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1) -99 99 °C/°F; see AA, A5
	51 52 53	AA A1 A2 A4	0 -10,0 2	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm threshold high temperature alarm type  high temperature alarm type	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4  see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent
	51 52 53 54 55	A1 A2 A4 A5	0 -10,0 2 10,0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)
•	51 52 53 54 55 56	AA A1 A2 A4 A5 A6	0 -10,0 2 10,0 2	for defrost interval d18 counting TEMPERATURE ALARMS temperature selection for high and low temperature alarm low temperature alarm threshold low temperature alarm type high temperature alarm type high temperature alarm type high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay af-	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10
•	51 52 53 54 55 56 57	AA A1 A2 A4 A5 A6 A7	0 -10,0 2 10,0 2 99	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10  0 240 min
•	51 52 53 54 55 56 57 58	AA A1 A2 A4 A5 A6 A7 A8	0 -10,0 2 10,0 2 99 15	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10  0 240 min  0 240 min
•	51 52 53 54 55 56 57 58 59 60	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11	0 -10,0 2 10,0 2 99 15 15 15 10 2,0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = absolute (A4)  0 99 min x 10  0 240 min
•	51 52 53 54 55 56 57 58 59 60 61 N.	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR.	99 15 15 10 2,0 DEF.	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10  0 240 min  0 240 min  0 240 min  0 240 min  0,1 °C/1 °F 15 °C/°F  MIN MAX.
•	51 52 53 54 55 56 57 58 59 60	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11	0 -10,0 2 10,0 2 99 15 15 15 10 2,0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4") 2 = assoluto (A4)  0 99 min x 10  0 240 min
•	51 52 53 54 55 56 57 58 59 60 61 N.	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR.	99 15 15 10 2,0 DEF.	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = absolute (A4)  0 99 min x 10  0 240 min
•	51 52 53 54 55 56 57 58 59 60 61 N.	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR.	99 15 15 10 2,0 DEF.	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = absolute (A4)  0 99 min x 10  0 240 min
•	51 52 53 54 55 56 57 58 59 60 61 N.	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR.	99 15 15 10 2,0 DEF.	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = absolute (A4)  0 99 min x 10  0 240 min
•	51 52 53 54 55 56 57 58 59 60 61 N.	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF.	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold  low temperature alarm threshold  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal operation	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10  0 240 min
	51 52 53 54 55 56 57 58 59 60 61 N.	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF.	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end or power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans mode in defrost	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10  0 240 min
	51 52 53 54 55 56 57 58 59 60 61 N. 62	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min
<b>₹</b>	51 52 53 54 55 56 57 58 59 60 61 N. 62	AA  A1  A2  A4  A5  A6  A7  A8  A9  A10  A11  PAR.  F0	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans mode in defrost and dripping	MIN MAX.  0 = cabinet T/CPT  1 = evaporator T  2 = auxiliary T; see P4 see A1 and A4  -99 99 °C/°F; see AA, A2 and A11  0 = absent  1 = relat. to SP ("SP - A1")  2 = absolute (A1)  -99 99 °C/°F; see AA, A5 and A11  0 = absent  1 = relat. to SP ("SP + A4")  2 = assoluto (A4)  0 99 min x 10  0 240 min  0 270 price for the second of th
	51 52 53 54 55 56 57 58 59 60 61 N. 62 63	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F2 F3	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold  low temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans mode in defrost and dripping maximum evaporator fans stop duration evaporator fans OFF time in energy saving evaporator fans ON time in ener-	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = absolute (A4) 0 99 min x 10 0 240 min
•	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F2 F3 F4	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm threshold  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing  power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans on one cand dripping  maximum evaporator fans stop duration  evaporator fans OFF time in energy saving  threshold relative to setpoint for	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min 0 270 min 0 240 min 0 25 min file file for compressor OFF, ON if compres
	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66 67	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F1 F2 F3 F4 F5	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1 -4,0 0 2 0 10	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay ligh temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans on defrost and dripping  maximum evaporator fans stop duration  evaporator fans OFF time in energy saving  evaporator fans ON time in energy saving  tif F0 = 2, evaporator fans OFF  if F0 = 2, evaporator fans OFF	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min 0 15 °C/°F MIN MAX. 0 = OFF
<b>♣</b>	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66 67 68	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F2 F3 F4 F5 F7	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1 -4,0 0 2 0 10 5,0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm type  high temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after dor closing  power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans mode in defrost and dripping  maximum evaporator fans stop duration  evaporator fans OFF time in energy saving  threshold relative to setpoint for evaporator fans stop end	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min 0 241 min 0 240 min 0 = OFF
<b>₹</b>	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66 67 68 69	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F2 F3 F4 F5 F7	0 -10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1  -4,0 0 2 0 10 5,0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm threshold  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing  power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans mode in defrost and dripping  maximum evaporator fans stop duration  evaporator fans OFF time in energy saving  threshold relative to setpoint for evaporator fans stop end  if F0 = 2, evaporator fans OFF delay after compressor OFF threshold condenser fans ON	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assolute (A4) 0 99 min x 10 0 240 min 0 241 min 0 240 min 0 25 min
<b>₹</b>	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66 67 68 69 70	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F1 F2 F3 F4 F5 F7 F9 F11	-10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1 1 -4,0 0 2 0 10 5,0 0 15,0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential EVAPORATOR AND CONDENSER FANS evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans OFF time in energy saving evaporator fans OFF time in energy saving threshold relative to setpoint for evaporator fans Stop end if F0 = 2, evaporator fans OFF delay after compressor OFF threshold condenser fans OFF delay after compressor OFF threshold condenser fans OFF delay after compressor OFF lefay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF  if F0 = 2, evaporator fans OFF delay after compressor OFF	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min 0 15 °C/°F MIN MAX. 0 = OFF
	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66 67 68 69 70 71	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F2 F3 F4 F5 F7 F9 F11 F12	-10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1  -4,0 0 2 0 10 5,0 0 15,0 30	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold  low temperature alarm threshold  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans OFF time in energy saving evaporator fans OFF time in energy saving evaporator fans OFF time in energy saving evaporator fans stop end if F0 = 2, evaporator fans OFF delay after compressor OFF threshold condenser fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF time with compressor OFF if F0 = 2, evaporator fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF tif F0 = 2, evaporator fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF time with compressor OFF tif F0 = 2, evaporator fans OFF	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min 0 25 min file if compressor OFF, ON if compressor OFF, with F1 if compressor OFF, with F1 if compressor OFF, on if compressor OFF, on if compressor OFF, on if see F1 0 240 s x 10; see F3 "SP + F7" 0 240 s 0 99 °C/°F; see F3 "SP + F7" 0 240 s 0 99 °C/°F differential = 2 °C/4 °F 0 240 s
<b>₹</b>	51 52 53 54 55 56 57 58 59 60 61 N. 62 63 64 65 66 67 68 69 70 71 72	AA A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 PAR. F0 F1 F1 F2 F3 F4 F5 F7 F9 F11 F12 F15	-10,0 2 10,0 2 99 15 15 10 2,0 DEF. 1  -4,0 0 2 0 10 5,0 0 15,0 0	for defrost interval d18 counting TEMPERATURE ALARMS  temperature selection for high and low temperature alarm threshold  low temperature alarm threshold low temperature alarm type  high temperature alarm type  high temperature alarm delay after power-on high and low temperature alarms delay high temperature alarm delay after defrost end high temperature alarm delay after door closing power failure duration for power failure alarm storing  A1 and A4 differential  EVAPORATOR AND CONDENSER FANS  evaporator fans mode in normal operation  if F0 = 3 or 4   if r5 = 0, threshold for evaporator fans OFF; if r5 = 1, threshold for evaporator fans ON evaporator fans OFF time in energy saving  evaporator fans OFF time in energy saving  evaporator fans SON time in energy saving  evaporator fans stop end  if F0 = 2, evaporator fans OFF delay after compressor OFF  threshold condenser fans OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF  if F0 = 2, evaporator fans OFF  delay after compressor OFF	MIN MAX.  0 = cabinet T/CPT 1 = evaporator T 2 = auxiliary T; see P4 see A1 and A4 -99 99 °C/°F; see AA, A2 and A11 0 = absent 1 = relat. to SP ("SP - A1") 2 = absolute (A1) -99 99 °C/°F; see AA, A5 and A11 0 = absent 1 = relat. to SP ("SP + A4") 2 = assoluto (A4) 0 99 min x 10 0 240 min 0 240 s min 0 240 s x 10; see F5 0 240 s x 10; see F3 "SP + F7" 0 240 s 0 240 s 0 240 s; see F16

		74	i0	3	door switch input function	0 = none 1 = compressor and evapo-	8	ALARM	IS	
						rator fans OFF	COD.	DESCI	RIPTION	RE
_						2 = evaporator fans OFF	Pr1	1	et probe alarm	au
-						3 = cabinet light ON 4 = compressor and evapo-	Pr2 Pr3		rator probe alarm ry probe alarm	au au
_						rator fans OFF, cabinet	rtc		me clock alarm	ma
						light ON  5 = evaporator fans OFF,	AL		mperature alarm	au
-						cabinet light ON	AH id		emperature alarm open alarm	au au
_		75	i1	0	door switch input contact type	0 = normally open	PF		failure alarm	ma
_		76	i2	30	door open alarm delay	1 = normally closed -1 120 min				_
-						-1 = absent	СОН	high c	ondensing warning	au
-		77	i3	15	regulation by-pass maximum time with door open	-1 120 min -1 = until the door closing	CSd	high c	ondensing alarm	ma
		78	i5	2	multipurpose input function	0 = none	iA	multip	urpose input alarm	au
_						1 = energy saving 2 = multipurpose input	Cth		essor thermal prote	c- au
-						alarm	th	tion a	arm thermal protection	on ma
-						3 = auxiliary output ON 4 = device stand-by		alarm	thermal protects	J
_						5 = compressor thermal pro-	dFd	defros	t time-out alarm	ma
						tection alarm		1		ı
_						6 = global thermal protection alarm	9	TECHN	ICAL SPECIFICATI	ONS
-		79	i6	0	multipurpose input contact type	0 = normally open	Purpos	se of the	e control device	
		80	i7	0	if i5 = 2, multipurpose input	1 = normally closed -1 120 min	Constr	uction (	of the control device	
_		00	"	"	alarm delay; if i5 = 5 or 6, com-	-1 = absent	Contai			
		01	:10	_	pressor ON delay after alarm end	0 000 min. oc. 1153		rement	eat and fire resistand s	.c
-		81	i10	0	closed door consecutive time for energy saving	0 999 min; see HE2 after cabinet T /CPT < SP	75.0 x	33.0 x	59.0 mm (2 15/16	
-						0 = absent	2 5/16	in) wit	h fixed screw termin	al bloc
		82	i13	180	number of door openings for de- frost	0 240 0 = absent	Mount	ing met	hods for the control	device
		83	i14	32	open door consecutive time for	0 240 min				
			F	P	defrost	0 = absent	Degree	e of pro	otection provided by	the c
-		N. 84	PAR. u1	DEF.	DIGITAL OUTPUTS auxiliary relay function	MIN MAX.  0 = cabinet light		ction m	ethod	
		07	u 1	"	adxillary relay function	1 = demisting heaters				movab
						2 = auxiliary output	for wir	es up t	. /-	ocks 5 mm²
						3 = alarm output 4 = door heaters	Maxim	ium per	mitted length for cor	nectio
-						5 = neutral zone heaters			10 m (32.8 ft)	
						6 = condenser fans 7 = on/stand-by output			10 m (32.8 ft)	
_	3/					8 = compressor 2			erature	
-		85	u2	0	enable cabinet light and auxiliary		Opera	ting hur	nidity	
		86	u4	0	output ON/OFF in stand-by enable alarm output OFF with	only manual  0 = NO 1 = YES	Pollutio	on statı	ıs of the control devi	ce
-					buzzer silencing		Confor			
-		87	u5	-1,0	threshold for door heaters ON	-99 99 °C/°F differential = 2 °C/4 °F	RoHS	2011/6	5/CE W	EEE 20
			_							
		88	u6	5	duration demisting heaters ON	1 120 min	EMC 2	014/30	/UE	
		89	u6 u7	-5,0	threshold relative to setpoint for	-99 99 °C/°F		014/30 supply	/UE	
-		_	_				Power	supply	/UE	levice
-	<b></b>	89 N.	u7 PAR.	<b>-5,0</b> DEF.	threshold relative to setpoint for	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX.	Power	supply		levice
	<b>→</b>	89	u7	-5,0	threshold relative to setpoint for neutral zone heaters ON	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10	Power Earthii Rated Over-v	supply ng meth impulse voltage	nods for the control on e-withstand voltage category	levice
-	<b>4</b>	89 N.	u7 PAR.	<b>-5,0</b> DEF.	threshold relative to setpoint for neutral zone heaters ON ENERGY SAVING	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX.	Power Earthii Rated Over-v Softwa	supply ng meth impulse voltage	nods for the control of e-withstand voltage category s and structure	levice
-	<b>4</b>	N. 90 N. 91	PAR. HE2 PAR. H01	-5,0  DEF.  0  DEF. 0	threshold relative to setpoint for neutral zone heaters ON ENERGY SAVING maximum energy saving duration REAL TIME ENERGY SAVING Monday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02	Earthin Rated Over-v Softwa Analog	supply  ng meth  impulse  voltage  are clas  gue inpu	nods for the control of e-withstand voltage category s and structure uts	levice
_	<b>**</b>	89 N. 90 N.	PAR. HE2 PAR.	-5,0  DEF.  0  DEF.	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01	Power Earthii Rated Over-v Softwa	supply  ng meth  impulse  voltage  are clas  gue inpu	nods for the control of e-withstand voltage category s and structure its	
_	**	N. 90  N. 91  92  93  94	PAR. HE2 PAR. H01	-5,0  DEF.  0  DEF.  0  0	threshold relative to setpoint for neutral zone heaters ON ENERGY SAVING maximum energy saving duration REAL TIME ENERGY SAVING Monday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02	Earthin Rated Over-v Softwa Analog	supply  ng meth  impulse  voltage  are clas  gue inpu	nods for the control of e-withstand voltage category s and structure uts	
	*	N. 90 N. 91 92 93 94 95	PAR. HE2 PAR. H01 H02 H03 H04 H05	-5,0  DEF. 0  DEF. 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03 0 23 h; see H06	Earthin Rated Over-v Softwa Analog	supply ng meth impulse voltage are clas gue inpu	sensor type Measurement field Resolution Sensor type	
-   -   -		N. 90  N. 91  92  93  94	PAR. HE2 PAR. H01 H02 H03 H04	-5,0  DEF. 0  DEF. 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving time Tuesday energy saving duration	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03	Earthin Rated Over-N Softwa Analog	supply ng meth impulse voltage are clas gue inpu	e-withstand voltage category s and structure uts  Sensor type Measurement field Resolution	
-   -   -		N. 90 N. 91 92 93 94 95 96	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06	DEF. 0 DEF. 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Wednesday energy saving time Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06	Earthin Rated Over-N Softwa Analog PTC pro	supply ng meth impulse voltage are clas gue inpu robes robes inputs	s and structure  Sensor type Measurement field Resolution Measurement field Resolution Sensor type Measurement field Resolution	
-		N. 90 N. 91 92 93 94 95	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06	DEF. 0 DEF. 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03 0 23 h; see H06 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05	Earthin Rated Over-v Softwa Analog	supply ng meth impulse voltage are clas gue inpu robes robes inputs	sensor type Measurement field Resolution Resolution Coc	entact t
	•	N. 90 N. 91 92 93 94 95 96	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06	-5,0  DEF. 0  O 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Wednesday energy saving time Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06	Earthin Rated Over-N Softwa Analog PTC pro	supply ng meth impulse voltage are clas gue inpu robes robes inputs	sends for the control of e-withstand voltage category s and structure sts  Sensor type  Measurement field Resolution Sensor type Measurement field Resolution  Copposition	
	•	N. 90 N. 91 92 93 94 95 96 97 98 99 100 101	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10	-5,0  DEF. 0  O 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving duration Saturday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03 0 23 h; see H06 0 24 h; see H05 0 24 h; see H05 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H07	Earthin Rated Over-V Softwa Analog PTC pr	supply ng meth impulse voltage are clas gue inpu robes robes inputs	sensor type Measurement field Resolution Sensor type Measurement field Resolution Correct Resolution Correct Por Pr In	entact t wer su otectio out co
		N. 90 N. 91 92 93 94 95 96 97 98 99 100	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09	-5,0  DEF. 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H03 0 23 h; see H06 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H07 0 23 h; see H010 0 24 h; see H07	Power  Earthin Rated Over-V Softwa Analog  PTC pr  NTC pr  Digital Dry co	supply ng meth impulse voltage are clas gue inpu robes robes inputs	s and structure  Sensor type  Measurement field  Resolution  Sensor type  Measurement field  Resolution  Coc  Po  Pr  Int  dig	entact t wer su otectio
		N. 90 N. 91 92 93 94 95 96 97 98 99 100 101 102	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H10 H11 H12 H13	-5,0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Wednesday energy saving time Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving time Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H08 0 24 h; see H09 0 23 h; see H010 0 24 h; see H09 0 23 h; see H010 0 24 h; see H09 0 23 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11	Earthin Rated Over-North PTC property of the P	supply  ng mett impulse voltage roles ge robes  inputs inputs output  output	sensor type Measurement field Resolution Sensor type Measurement field Resolution  Correct Por Pr Int	entact t wer su otectio out co gital in
	•	N. 90 N. 91 92 93 94 95 96 97 98 99 100 101 102 103 104 N.	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR.	-5,0  DEF. 0  DEF. 0 0 0 0 0 0 0 0 0 0 DEF.	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving time Tuesday energy saving duration Tuesday energy saving time Tuesday energy saving time Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving time Friday energy saving time Saturday energy saving time Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4)	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H09 0 23 h; see H010 0 24 h; see H011 0 25 h; see H011 0 25 h; see H014 0 26 h; see H11 0 27 h; see H13 MIN MAX.	Earthin Rated Over-North PTC property of the P	supply  ng mett impulse voltage voltage rare class gue input robes  inputs inputs output output ressor r	season type Measurement field Resolution Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Sensor type Measurement field Resolution  Are solution  Are	entact t wer su otectio out co gital inj electro
		N. 90 N. 91 92 93 94 95 96 97 100 101 102 103 104	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H10 H11 H12 H13	-5,0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Wednesday energy saving time Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving time Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H09 0 25 h; see H09 0 27 h; see H09 0 28 h; see H010 0 29 h; see H010 0 24 h; see H09 0 23 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11	Power  Earthin Rated Over-v Softwa Analog  PTC pr  NTC pr  Digital Dry co  Other  Digital  Comprident	supply  ng mett impulse voltage are clas gue inpu  robes  robes  inputs output  output ressor r  it relay	season type Measurement field Resolution Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Sensor type Measurement field Resolution  Are solution  Correct Por Interest of the sensor type Intere	entact t wer su otectio out co gital inj electro
		N. 90 N. 91 92 93 94 95 96 97 98 99 100 101 102 103 104 N. 105 106 107	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3	-5,0  DEF. 0  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving time Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 24 h; see H010 0 24 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H13 MIN MAX. h-= absent h-= absent	Power  Earthin Rated Over-V Softwa Analog  PTC pr  NTC pr  Digital Dry co  Other  Digital Compr Defros Evapo Auxilia	supply  mg mett impulse voltage are class gue inpu robes  robes  inputs output  cressor r it relay rator fa	sensor type Measurement field Resolution Sensor type Measurement field Resolution  Sensor type Measurement field Resolution  Co Pr ini di s 4 fa elay (K1): (K2): ns relay (K3): / (K4):	intact I wwer su otection but co gital in electron
		N. 90 N. 91 92 93 94 95 96 97 98 99 100 101 102 103 104 N. 105 106 107 108	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4	-5,0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 h-h-h-h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving time Tuesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving time Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving time Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 23 h; see H010 0 23 h; see H010 0 24 h; see H11 0 23 h; see H012 0 24 h; see H11 0 24 h; see H11 0 24 h; see H13 MIN MAX. h-= absent h-= absent h-= absent	Power  Earthin Rated Over-Y Softwa Analog  PTC pr  NTC pr  Digital Dry co  Other  Digital Compri Defros Evapo Auxilia The de	supply  mg mett impulse are class gue inpu  robes  inputs inputs output  currenessor r it relay rator fa ary relay evice gue veloce gue  supply  suppl	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr Int	intact I wwer su otection but co gital in gles and
-		N. 90 N. 91 92 93 94 95 96 97 98 99 100 101 102 103 104 N. 105 106 107	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3	-5,0  DEF. 0  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving time Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 24 h; see H010 0 24 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H13 MIN MAX. h-= absent h-= absent	Power  Earthin Rated Over-Y Softwa Analog  PTC pr  NTC pr  Digital Dry co  Other  Digital Comprise Evapo Auxilia The de	supply  mg mett impulse voltage are class gue input robes  inputs output  inputs inputs output are ressor r it relay rator fa ary relay evice gu componi	sensor type Measurement field Resolution Sensor type Measurement field Resolution  Sensor type Measurement field Resolution  Co Pr ini di s 4 fa elay (K1): (K2): ns relay (K3): / (K4):	intact I wwer su otection but co gital in gles and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  108  109  110  N.	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR.	-5,0  DEF. 0  0 0 0 0 0 0 0 0 0 0 0 0 DEF. h- h- h- h- h- h- h- DEF.	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving time Friday energy saving time Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time sixth daily defrost time sixth daily defrost time sixth daily defrost time	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 24 h; see H07 0 23 h; see H010 0 24 h; see H011 0 23 h; see H014 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 h 25 h; see H11 h 26 h; see H11 h 27 h; see H11 h 28 h; see H014 h 29 h; see H11	Power  Earthin Rated Over-v Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Digital Compriberos Evapo Auxilia The do of the Type J Additio	supply  mg mett impulse voltage robes  robes  inputs  inputs  output  ressor r  it relay rary relay rary relay eacompon  or Typ	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Core Proper Inguity Sensor type Measurement field Resolution  Sensor type Measurement field Resolution  Core Proper Inguity Sensor type Inguity Inguity Inguity Sensor type Inguity Ing	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  108  109  110  N. 111	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF	-5,0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 h-h h- h- h- h- h- h- h- 1	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving duration Saturday energy saving time Friday energy saving duration Saturday energy saving time Saturday energy saving time Sunday energy saving time Sunday energy saving duration Sunday energy saving time Sinday defrost time first daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 23 h; see H010 0 24 h; see H011 0 23 h; see H011 0 23 h; see H014 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 h absent h- = absent	Power  Earthin Rated Over- Softwa Analog  PTC pr  NTC pr  Digital Dry co  Other  Compr Defros Evapo Auxilia The da for the Type 1	supply  ng mett impulse voltage rare class gue inpu robes  robes  inputs output ressor r it relay rartor fa fary relay ecompoi or Typ onal fee	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Copprignt Argument field Resolution	entact t were su obut co gital in gelectro ns and
-		89  N. 90  N. 91 92 93 94 95 96  97 98 99 100 101 102 103 104 N. 105 106 107 108 110 N. 111 1112	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR.	DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H05 0 23 h; see H08 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 23 h; see H01 0 24 h; see H07 0 23 h; see H010 0 24 h; see H01 0 24 h; see H11 0 24 h; see H11 0 24 h; see H11 0 24 h; see H13 MIN MAX. h-= absent h-= absent h-= absent h-= absent h-= absent h-= absent MIN MAX. 0 = NO	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
-		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  108  109  110  N. 111	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF	-5,0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 h-h h- h- h- h- h- h- h- 1	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Triday energy saving duration Friday energy saving time Saturday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 23 h; see H010 0 24 h; see H011 0 23 h; see H011 0 23 h; see H014 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 h absent h- = absent	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Copprignt Argument field Resolution	entact t were su obut co gital in gelectro ns and
-		89  N. 90  N. 91 92 93 94 95 96  97 98 99 100 101 102 103 104 N. 105 106 107 108 110 N. 111 1112	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR.	DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving time Saturday energy saving duration Saturday energy saving duration Saturday energy saving time Saturday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fifth daily defrost time fifth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H05 0 23 h; see H08 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 23 h; see H01 0 24 h; see H07 0 23 h; see H010 0 24 h; see H01 0 24 h; see H11 0 24 h; see H11 0 24 h; see H11 0 24 h; see H13 MIN MAX. h-= absent h-= absent h-= absent h-= absent h-= absent h-= absent MIN MAX. 0 = NO	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
-		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  118  111  112	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 PAR. POF PAS	DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving duration Friday energy saving duration Saturday energy saving time Saturday energy saving duration Saturday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fifth daily defrost time fifth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H07 0 23 h; see H010 0 24 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H13 MIN MAX. h-= absent h-= absent h-= absent h-= absent h-= absent h-= absent MIN MAX. 0 = NO     1 = YES -99 999 -99 999	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
-		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  108  110  N. 111  1112	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS	-5,0  DEF. 0  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Friday energy saving time Saturday energy saving duration Saturday energy saving duration Saturday energy saving time Saturday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fifth daily defrost time fifth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H01 0 23 h; see H01 0 24 h; see H01 0 25 h; see H01 0 26 h; see H11 0 27 h; see H11 0 28 h; see H014 0 29 h; see H11 0 29 h; see H11 0 21 h; see H11 0 21 h; see H11 0 22 h; see H11 0 23 h; see H014 0 24 h; see H13 MIN MAX. h = absent	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  107  111  112  113  N. 115  N.	PAR. HE2 PAR. HO1 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR.	DEF.  O  DEF.  O  O  O  O  O  O  O  O  DEF.  h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving duration Wednesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H00 0 24 h; see H01 0 24 h; see H01 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 0 24 h; see H11 h-= absent	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  111  112  113  114  N. 115  N. 116	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR. Hr0 PAR.	DEF.  O  DEF.  O  O  O  O  O  O  O  O  DEF.  h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving duration Wednesday energy saving time Tuesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving duration Friday energy saving time Friday energy saving time Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK enable EVlink	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H009 0 23 h; see H010 0 24 h; see H010 0 25 h; see H010 0 26 h; see H011 0 27 h; see H011 0 28 h; see H014 0 29 h; see H019 0 29	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  107  111  112  113  N. 115  N.	PAR. HE2 PAR. HO1 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR.	DEF.  O  DEF.  O  O  O  O  O  O  O  O  DEF.  h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving duration Wednesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving time Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H00 0 24 h; see H01 0 24 h; see H01 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 0 24 h; see H11 h-= absent	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  111  112  113  114  N. 115  N. 115  N. 116  117	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR. Hr0 PAR.	DEF. 0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING  maximum energy saving duration  REAL TIME ENERGY SAVING  Monday energy saving time  Monday energy saving duration  Tuesday energy saving duration  Wednesday energy saving duration  Wednesday energy saving duration  Wednesday energy saving duration  Thursday energy saving time  Thursday energy saving time  Thursday energy saving duration  Friday energy saving duration  Saturday energy saving time  Friday energy saving duration  Saturday energy saving duration  Saturday energy saving duration  Sunday energy saving time  Sunday energy saving duration  REAL TIME DEFROST (if d8 = 4)  first daily defrost time  second daily defrost time  fourth daily defrost time  fifth daily defrost time  sixth daily defrost time  sixth daily defrost time  sixth daily defrost time  SAFETIES  enable ON/STAND-BY key  configuration parameters settings password  User password Android APP EVCO  Maintenance password Android  APP EVCO  REAL TIME CLOCK  enable real time clock  DATA-LOGGING ON EVLINK  enable EVlink  data-logging interval on EVlink	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H08 0 24 h; see H09 0 23 h; see H010 0 23 h; see H010 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 25 h; see H010 0 26 h; see H11 0 27 h; see H11 0 28 h; see H110 0 29 h; see H110 0 29 h; see H110 0 21 h; see H110 0 22 h; see H110 0 21 h; see H110 0 22 h; see H110 0 24 h; see H110 0 25 h; see H110 0 26 h; see H110 0 27 h; see H110 0 28 h; see H110 0 29 h; see H110 0 29 h; see H110 0 29 h; see H110 0 = N0	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage compon Lor Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  111  112  113  114  N. 115  N. 115  N. 116  117	PAR. HE2 PAR. H01 H02 H03 H04 H05 H06 H07 H08 H09 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR. Hr0 PAR.	DEF. 0 DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING  maximum energy saving duration  REAL TIME ENERGY SAVING  Monday energy saving time  Monday energy saving duration  Tuesday energy saving duration  Wednesday energy saving duration  Wednesday energy saving duration  Thursday energy saving duration  Thursday energy saving duration  Thursday energy saving duration  Friday energy saving duration  Friday energy saving duration  Saturday energy saving duration  Saturday energy saving duration  Saturday energy saving duration  Sunday energy saving duration  Sunday energy saving duration  REAL TIME DEFROST (if d8 = 4)  first daily defrost time  second daily defrost time  fourth daily defrost time  fourth daily defrost time  sixth daily defrost time  sixth daily defrost time  SAFETIES  enable ON/STAND-BY key  configuration parameters settings password  User password Android APP EVCO  Maintenance password Android  APP EVCO  REAL TIME CLOCK  enable real time clock  DATA-LOGGING ON EVLINK  enable EVlink  data-logging interval on EVlink  temperature selection for data-	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H07 0 23 h; see H010 0 24 h; see H11 0 24 h; see H11 0 25 h; see H11 0 25 h; see H11 0 26 h; see H13 MIN MAX. h-= absent	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  111  112  113  114  N. 115  N. 115  N. 116  117	PAR. HE2 PAR. HO1 HO2 HO3 HO4 HO5 HO6 HO7 HO8 HO9 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR. Hr0 PAR.	DEF.  O  DEF.  O  O  O  O  O  O  O  O  DEF.  h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO Maintenance password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK enable EVlink data-logging interval on EVlink temperature selection for data- logging on EVlink	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H00 0 24 h; see H01 0 23 h; see H01 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 24 h; see H010 0 24 h; see H11 0 23 h; see H011 0 23 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 0 23 h; see H014 0 24 h; see H13 MIN MAX. h = absent h = abs	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  111  112  113  114  N. 115  N. 115  N. 116  117  118	PAR. HE2 PAR. HO1 HO2 HO3 HO4 HO5 HO6 HO7 HO8 HO9 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR. BLE rE0 rE1	DEF.  O  DEF.  O  O  O  O  O  O  O  O  O  DEF.  h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration Sunday energy saving time Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO Maintenance password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK enable EVlink data-logging interval on EVlink temperature selection for data- logging on EVlink	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H08 0 24 h; see H09 0 23 h; see H010 0 24 h; see H010 0 25 h; see H010 0 26 h; see H11 0 27 h; see H11 0 28 h; see H11 0 29 h; see H11 0 29 h; see H11 0 29 h; see H11 0 21 h; see H11 0 21 h; see H11 0 22 h; see H11 0 25 h; see H11 0 27 h; see H11 0 28 h; see H11 0 29 h; see H11 0 20 h; se	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  106  107  111  112  113  114  N. 115  N. 116  117  118	PAR. HE2 PAR. HO1 HO2 HO3 HO4 HO5 HO6 HO7 HO8 HO9 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PA2 PAR. BLE rE0 rE1	DEF.  O  DEF.  O  O  O  O  O  O  O  O  DEF.  h-	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Tuesday energy saving time Tuesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time fifth daily defrost time sixth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO Maintenance password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK enable EVlink data-logging interval on EVlink temperature selection for data- logging on EVlink	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 24 h; see H05 0 24 h; see H05 0 23 h; see H00 0 24 h; see H01 0 23 h; see H01 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 24 h; see H010 0 24 h; see H11 0 23 h; see H011 0 23 h; see H012 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 0 23 h; see H014 0 24 h; see H13 MIN MAX. h = absent h = abs	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  111  112  113  114  N. 115  N. 116  117  118	PAR. HE2 PAR. HO1 HO2 HO3 HO4 HO5 HO6 HO7 HO8 HO9 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PAR. LA	DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING  maximum energy saving duration  REAL TIME ENERGY SAVING  Monday energy saving time  Monday energy saving duration  Tuesday energy saving duration  Wednesday energy saving time  Tuesday energy saving duration  Wednesday energy saving duration  Thursday energy saving duration  Thursday energy saving time  Thursday energy saving duration  Friday energy saving duration  Saturday energy saving duration  Saturday energy saving duration  Saturday energy saving duration  Sunday energy saving duration  Sunday energy saving duration  REAL TIME DEFROST (if d8 = 4)  first daily defrost time  second daily defrost time  fourth daily defrost time  fifth daily defrost time  sixth daily defrost time  sixth daily defrost time  SAFETIES  enable ON/STAND-BY key  configuration parameters settings password  User password Android APP EVCO  Maintenance password Android  APP EVCO  REAL TIME CLOCK  enable real time clock  DATA-LOGGING ON EVLINK  enable EVlink  data-logging interval on EVlink  temperature selection for data- logging on EVlink  MODBUS  MODBUS  MODBUS	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H05 0 23 h; see H08 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 25 h; see H010 0 26 h; see H11 0 27 h; see H11 0 28 h; see H11 0 29 h; see H13 MIN MAX. 0 = NO 1 = YES MIN MAX. 0 = NO 1 = YES MIN MAX. 0 = NO 1 = SÌ 0 240 min 0 = none 1 = cabinet T 2 = evaporator T 3 = auxiliary T 4 = cabinet and evaporat. T 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were su obut co gital in gelectro ns and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  111  112  113  114  N. 115  N. 116  117  118	PAR. HE2 PAR. HO1 HO2 HO3 HO4 HO5 HO6 HO7 HO8 HO9 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PAR. LA	DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO Maintenance password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK enable EVlink data-logging interval on EVlink temperature selection for data- logging on EVlink  MODBUS MODBUS MODBUS baud rate	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H07 0 23 h; see H00 0 24 h; see H01 0 23 h; see H01 0 24 h; see H07 0 23 h; see H01 0 24 h; see H01 0 24 h; see H01 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 0 23 h; see H014 0 24 h; see H11 0 25 h; see H11 0 26 h; see H11 0 27 h; see H11 0 29 h; see H11	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were stio but too gital in gelectro as and
		N. 90  N. 91  92  93  94  95  96  97  98  99  100  101  102  103  104  N. 105  111  112  113  114  N. 115  N. 116  117  118	PAR. HE2 PAR. HO1 HO2 HO3 HO4 HO5 HO6 HO7 HO8 HO9 H10 H11 H12 H13 H14 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. POF PAS PA1 PAR. LA	DEF. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	threshold relative to setpoint for neutral zone heaters ON  ENERGY SAVING maximum energy saving duration  REAL TIME ENERGY SAVING Monday energy saving time Monday energy saving duration Tuesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Wednesday energy saving duration Thursday energy saving time Thursday energy saving time Thursday energy saving duration Friday energy saving duration Saturday energy saving duration Saturday energy saving duration Saturday energy saving duration Sunday energy saving duration Sunday energy saving duration REAL TIME DEFROST (if d8 = 4) first daily defrost time second daily defrost time fourth daily defrost time fourth daily defrost time sixth daily defrost time SAFETIES enable ON/STAND-BY key configuration parameters settings password User password Android APP EVCO Maintenance password Android APP EVCO REAL TIME CLOCK enable real time clock DATA-LOGGING ON EVLINK enable EVlink data-logging interval on EVlink temperature selection for data- logging on EVlink  MODBUS MODBUS MODBUS baud rate	-99 99 °C/°F differential = 2 °C/4 °F "SP + u7" MIN MAX. 0 999 min; see i10 -1 = until the door opening MIN MAX. 0 23 h; see H02 0 24 h; see H01 0 23 h; see H04 0 24 h; see H05 0 23 h; see H06 0 24 h; see H05 0 23 h; see H08 0 24 h; see H07 0 23 h; see H08 0 24 h; see H07 0 23 h; see H010 0 24 h; see H010 0 25 h; see H010 0 26 h; see H11 0 27 h; see H11 0 28 h; see H11 0 29 h; see H13 MIN MAX. 0 = NO 1 = YES MIN MAX. 0 = NO 1 = YES MIN MAX. 0 = NO 1 = SÌ 0 240 min 0 = none 1 = cabinet T 2 = evaporator T 3 = auxiliary T 4 = cabinet and evaporat. T 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud	Power  Earthin Rated Over-V Softwa Analog PTC pr  NTC pr  Digital Dry co  Other  Defros Evapo Auxilia The de of the Type 1 Additions Displa Alarm	supply  ng mett impulse voltage are class gue inpu robes  robes  inputs output  tressor r trelay rator fa rry relay voltage to Typ onal fea	Sensor type Measurement field Resolution Sensor type Measurement field Resolution  Cop Pr int dit s s 4 fa elay (K1): (K2): ns relay (K3): r (K4): uarantees double instents of the device. e 2 Actions entered attraction of the sent of the property of the sent of the device. e 2 Actions entered of the sent of the sent of the property of the sent of the property of the sent of t	entact t were stio but too gital in gelectro as and

8	ALARMS				
COD.	DESCRIPTION	RESET		REMEDIES	
Pr1	cabinet probe alarm	automatic		- check P0	
Pr2	evaporator probe alarm	automatic		- check probe integrity	
Pr3	auxiliary probe alarm	automatic		- check electrical connection	
rtc	real time clock alarm	manual		set date, time and day of the week	
AL	low temperature alarm	automatic		check A1	
АН	high temperature alarm	automatic		check A4	
id	door open alarm	automatic		check i0 e i1	
PF	power failure alarm	manual		- touch a key	
				- check electrical connection	
	hatala and an alta a				
сон	high condensing warning	automatic		check C6	
CSd	high condensing alarm manual			- switch the device off and on	
				- check C7	
iΑ	multipurpose input alarm	automat	tic	check i5 and i6	
Cth	compressor thermal protec-	automat	tic	check i5 and i6	
	tion alarm				
th	global thermal protection	manual		- switch the device off and on	
	alarm			- check i5 and i6	
dFd	defrost time-out alarm	manual		- touch a key	
				- check d2, d3 and d11	
9	TECHNICAL SPECIFICATION	15			
Purpose of the control device			Function controller		
Construction of the control device			Built-in electronic device		
Container			Black, self-extinguishing		
	ory of heat and fire resistance		D		
Measu	ırements				
75.0 >	x 33.0 x 59.0 mm (2 15/16 x	1 5/16 x	75.0 x 33.0 x 81.5 mm (2 15/16 x 1 5/16		
2 5/16	5 in) with fixed screw terminal b	I '		.6 in) with removable screw termi	
		blocks			
Mount	ing methods for the control dev	vice	To be fitted to a panel, snap-in brackets pro		
			vided		
_	e of protection provided by th	e cover-	IP65 (front)		
ing					
	ection method				
Fixed	screw terminal blocks Remo			terminal Micro-MaTch connector	
		s for	wires	up to	
for wii	2,5 n	nm²; by r			
for wii	2,5 n num permitted length for conne	nm²; by r	les		
for win Maxim Power	2,5 mum permitted length for connersupply: 10 m (32.8 ft)	nm²; by r	les Analog	gue inputs: 10 m (32.8 ft)	
for win Maxim Power Digita	2,5 n num permitted length for connersupply: 10 m (32.8 ft) I inputs: 10 m (32.8 ft)	nm²; by r	Analog Digital	l outputs: 10 m (32.8 ft)	
for win Maxim Power Digital	2,5 mum permitted length for connersupply: 10 m (32.8 ft)	nm²; by r	Analog Digital		
for win Maxim Power Digital Opera	2,5 n num permitted length for connersupply: 10 m (32.8 ft) I inputs: 10 m (32.8 ft)	nm²; by r	Analog Digital	l outputs: 10 m (32.8 ft)	
for wind Maxim Power Digital Opera	2,5 n num permitted length for conne supply: 10 m (32.8 ft) l inputs: 10 m (32.8 ft) ting temperature	nm²; by r	Analog Digital From (	l outputs: 10 m (32.8 ft) 0 to 55 °C (from 32 to 131 °F)	
for wind Maxim Power Digital Opera	2,5 n num permitted length for conne supply: 10 m (32.8 ft) l inputs: 10 m (32.8 ft) ting temperature ge temperature	nm²; by r	Analog Digital From (	l outputs: 10 m (32.8 ft) 0 to 55 °C (from 32 to 131 °F) -25 to 70 °C (from -13 to 158 °F) ve humidity without condensate fr	
Maxim Power Digital Opera Storag Opera	2,5 n num permitted length for conne supply: 10 m (32.8 ft) l inputs: 10 m (32.8 ft) ting temperature ge temperature	nm²; by r	Analog Digital From ( From -	l outputs: 10 m (32.8 ft) 0 to 55 °C (from 32 to 131 °F) -25 to 70 °C (from -13 to 158 °F) ve humidity without condensate fr	
Maxim Power Digital Opera Storag Opera	2,5 n num permitted length for conne supply: 10 m (32.8 ft) l inputs: 10 m (32.8 ft) ting temperature ge temperature ting humidity on status of the control device	nm²; by r	Analog Digital From ( From - Relativ	l outputs: 10 m (32.8 ft) 0 to 55 °C (from 32 to 131 °F) -25 to 70 °C (from -13 to 158 °F) ve humidity without condensate fr	

WEEE 2012/19/EU

Contact type

Power supply

Protection

REACH (EC) Regulation

1907/2006

115... 230 VAC (+10% -15%), 50/60 Hz (±3

2 for PTC or NTC probes (cabinet probe and

evaporator probe)

KTY 81-121 (990 Ω @ 25 °C, 77 °F)

from -50 to 150 °C (from -58 to 302 °F)
0.1 °C (1 °F)

B3435 (10 KΩ @ 25 °C, 77 °F) from -40 to 105 °C (from -40 to 221 °F)

None

None

1 dry contact (door switch) 5 VDC, 1.5 mA

input configurable for analogue input (auxiliary probe) or

LVD 2014/35/UE

None

II

2.5 KV

0.1 °C (1 °F)

Hz), max. 3.2 VA insulated

Digital outputs	4 electro-mechanical relays (compressor, defrost, evaporator				
Digital outputs					
	fans and auxiliary relay)				
Compressor relay (K1):		SPST, 16 A res. @ 250 VAC			
Defrost relay (K2):		SPST, 8 A res. @ 250 VAC			
Evaporator fans relay (K3):		SPST, 5 A res. @ 250 VAC			
Auxiliary relay (K4):		SPST, 5 A res. @ 250 VAC			
The device guarantees double insulation between each digital output connector and the re					
of the components of the device.					
Type 1 or Type 2 Actions		Type 1			
Additional features of Type 1	or Type 2 ac-	С			
tions					
Displays		3 digits custom display, with function icons			
Alarm buzzer		By request			
Communication ports		1 TTL MODBUS slave port for EVCO Android			
		APP or BMS			

digital input (multipurpose input)



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

This document and the solutions contained therein are the intellectual property of EVCO and thus protected by the Italian Intellectual Property Rights Code (CPI). EVCO imposes an absolute ban on the full  $\,$ or partial reproduction and disclosure of the content other than with the express approval of EVCO. The customer (manufacturer, installer or end-user) assumes all responsibility for the configuration of the device. EVCO accepts no liability for any possible errors in this document and reserves the right to make any changes, at any time without prejudice to the essential functional and safety features of the equip-

