Extra-large controllers for refrigerated cabinets and display units, with energy-saving strategies







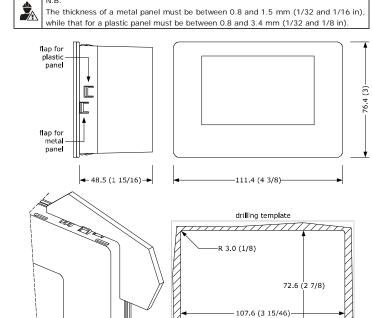
EN ENGLISH

- Controllers for low temperature units
- Power supply 12 VAC/DC.
- Incorporated clock (according to the model)
- Cabinet probe and evaporator probe (PTC/NTC).
- Compressor relay 16 A res. @ 250 VAC or 30 A res. @ 250 VAC (according to the model).
- Alarm buzzer
- TTL MODBUS slave port for EVconnect APP or BMS.
- Port for SD card data-logger module EVBD05 (according to the model).
- Models in plastic container or open-frame (according to the model).

MEASUREMENTS AND INSTALLATION | Measurements in mm (inches)

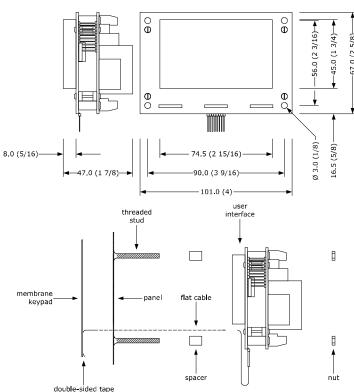
Models in plastic container

To be fitted to a panel, with elastic holding flaps.



1.2 Open-frame models

To be installed from behind, with threaded studs and membrane keypad.

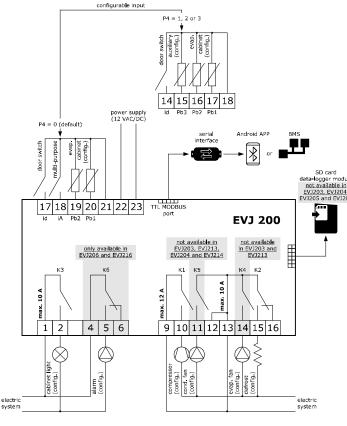


INSTALLATION PRECAUTIONS

- Ensure that the working conditions are within the limits stated in the 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 cables.



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 USE

- Install following the instructions given in the section MEASUREMENTS AND
- Power up the device and an internal test will be run.

temperature unit of measurement

defrost type

- 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
- Recommended configuration parameters for first-time use PAR. DEF. PARAMETER MIN... MAX SP 0.0 setpoint r1... r2 probe type 0 = PTC

Then check that the remaining settings are appropriate; see the section CONFIGURATION PARAMETERS.

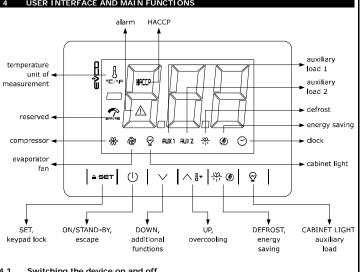
0 = °C

0 = electric 1 = hot gas

- Disconnect the device from the mains. Make the electrical connection as shown in the section ELECTRICAL CONNECTION
- without powering up the device. For the connection in an RS-485 network connect the interface EVIF22TSX or EVIF23TSX, to activate real time functions in EVJ203, EVJ204, EVJ205 and EVJ206 connect the module EVIF23TSX, for recording HACCP data in CSV format on SD card connect the module EVBD05, to use the device with the Android APP EVconnect connect the interface EVIF25TBX; see the relevant instruction sheets. If EVIF22TSX or

EVIF23TSX is used, set parameter bLE to 0. Power up the device

4 USER INTERFACE AND MAIN FUNCTIONS



Switching the device on and off

(1) If POF = 1 (default), touch the ON/STAND-BY key for 2s. If the device is switched on, the display will show the P5 value ("cabinet temperature" default);

	ii tiie uis	play shows an alarm cou	e, see the section ALAKIN	J.
,	LED	ON	OFF	FLASHING
,	*	compressor on	compressor off	compressor protection active setpoint being set
	@	evaporator fan on	evaporator fan off	evaporator fan stop active
	€11	cabinet light on	cabinet light off	cabinet light on by digital input
	AUX 1	auxiliary function 1 on	auxiliary function 1 off	auxiliary function 1 on by digital inputauxiliary function 1 delay active
	AUX 2	auxiliary function 2 on	auxiliary function 2 off	auxiliary function 2 on by digital input auxiliary function 2 delay active
	≱ -	defrost or pre-drip active	-	- defrost delay active - dripping active
	②	energy saving activelow consumption active	-	-

0	view time	-	set date, time and day of the current week
.E/F	view temperature	-	overcooling or overheating active
НАССР	saved HACCP alarm	-	new HACCP alarm saved
$\overline{\mathbb{A}}$	alarm 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 1s: the display will show the label "UnL"

4.3 Set the setpoint (if r3 = 0, default)

Check that the keypad is not locked.

1.	≙SET	Touch the SET key.
2.	√ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Touch the UP or DOWN key within 15s to set the value within th limits r1 and r2 (default "-40 50")
3.	_ aset	Touch the SET key (or do not operate for 15s).

Activate manual defrost (if r5 = 0, default)

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

0 Touch the DEFROST key for 2s.

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

Cabinet light on/off (if u1c... u6c = 5) Touch the CABINET LIGHT key.

Button-operated load on/off (if u1c... u6c = 10 or 11) 4.6

Touch the CABINET LIGHT key (for 2s if u1c... u6c = 5).

If $u1c...\ u6c = 6$, the **demisting** switch on for the u6 duration.

4.7 Silence buzzer (if u9 = 1, default)

Touch a key.

If u1c... u6c = 11 and u4 = 1, the alarm output is deactivated.

5 ADDITIONAL FUNCTIONS

5.1	Activate/dead	ctivat	te overcooling and overheating
	that the keypad		
1.	∧ ∄▼		Touch the UP key for 2s.

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

Activate/deactivate energy saving in manual mode (if r5 = 0) Check that the keypad is not locked.

Touch the DEFROST key.

The setpoint becomes "setpoint + r4", at maximum for HE2 duration.

Activate the high or low humidity functions (if F0 = 5) Check that the keypad is not locked.

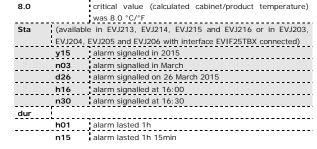
		-					
2.	f	<u> </u>	Touch the UP or DOWN key within 15s to select the label "rH".				
3.	aset		Touch the SET key for 2s until the display shows the right labe for the function (only touch the key to see the function activated).				
	LAB.	DESCRIPTION	ON				
	rhL	low humidit	ty function (evaporator fan with F17 and F18 if the compressor is				
		off, on if the	e compressor is on)				
rhH high humidi			ity function (evaporator fan on)				
4.		D	Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.				

Touch the DOWN key for 1s.

View/delete HACCP alarm information (not available in EVJ203, EVJ204, EVJ205 and EVJ206)

Check that the keypad is not locked.										
CHECK I	nai ine I	keypad is no	t locked.							
1. Touch the DOWN key for 1s.										
2.	¥	ا ا	Touch the UP or DOWN key within 15s to select a label.							
	LAB.	DESCRIPTION	NC							
	LS	view HACCF	Palarm information							
	rLS delete HACCP alarm information									
3.	2 9	= =	Touch the SET key.							
4.	√ L	<u> </u>	Touch the UP or DOWN key to select an alarm code (to select label "LS") or to set "149" (to select label "rLS").							
	COD.	DESCRIPTION	ON							
	AL	low tempera	ature alarm							
	АН	high temperature alarm								
	id	open door alarm (if i4 = 1)								
	PF	PF power failure alarm (available in EVJ213, EVJ214, EVJ215 and EVJ216 of EVJ203, EVJ204, EVJ205 and EVJ206 with interface EVIF25TBX connected)								
5.	25	5 €⊤	Touch the SET key.							
6.		D	Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.							
	1. 2. 3. 4. 5.	1. LAB. LS rLS 1. COD. AL AH id PF 5. 26	1. LAB. DESCRIPTION LS view HACCE LS view HACCE LS delete HACCE 3. SET 4. COD. DESCRIPTION AL low tempers AH high tempers id open door a PF power failur EVJ203, EV. 5. SET							

Example of alarm information (e.g. a high temperature alarm)



5.5 View/delete compressor functioning hours

Check that the keypad is not locked.							
1.	\	✓ 	Touch the DOWN key for 1s.				
2.	Ý	<u> </u>	Touch the UP or DOWN key within 15s to select a label.				
	LAB.	DESCRIPTION	DN				
CH1 view compressor functioning hundreds of hours							
	CH2	view second	d compressor functioning hundreds of hours (if u1c u6c = 1)				
	1. 2.	1. 2. LAB. CH1	1. LAB. DESCRIPTION CH1 view compr				

	0 Instruction sheet ver. 1.0 Code 104J200I103LVPS Page 2 of 3 PT 18/17 ete compressor and second compressor functioning hours	9.	11.	a se	r I	Touch the SET key for 4s (or do	not operate for 60s) to exit the		30	C8	1	high condensation alarm delay	0 15 min
3. A SET	· ·	7.2				procedure.	le in EVJ213, EVJ214, EVJ215		31	C10	10	compressor hours for service second compressor switch-on	0 999 h x 100 0 = disabled
4.	Touch the UP or DOWN key to set "149" (to select rCH).	7	and	EVJ2		in EVJ203, EVJ204, EVJ205			N.	PAR.	DEF.	delay DEFROST (if r5 = 0)	MIN MAX.
5. SET	Touch the SET key. Touch the ON/STAND-BY key (or do not operate for 60s) to exit		N.B.						33	d0	8	automatic defrost interval	0 99 h 0 = only manual
6.	the procedure.	o _o	1			onnected to the interface EVIF25T within two minutes since the set	*		34	d1	0	defrost type	if d8 = 3, maximum interval 0 = electric
5.6 View the to Check that the key	emperature detected by the probes pad is not locked.	~Q-	- If			nmunicates with the APP EVconne							1 = hot gas 2 = compressor stopped
1.	Touch the DOWN key for 1s.					atically be set by the smartphone of	or tablet.		35 36	d2 d3	2.0 30	threshold for defrost end defrost duration	-99 99 °C/°F 0 99 min
2.	Touch the UP or DOWN key within 15s to select a label.	Check 1.	that that	he key	pad is no	it locked. Touch the DOWN key for 1s.			37	d4	0	enable defrost at power-on	se P3 = 1, maximum duration 0 = no 1 = yes
	SCRIPTION pinet temperature (if P4 = 0, 1 or 2)	2.	f	Ţ	<u>ا</u> •	Touch the UP or DOWN key withi	n 15s to select the label "rtc".		38 39	d5 d6	0	defrost dealy after power-on value displayed during defrost	0 99 min 0 = regulation temperature
inle	et air temperature (if P4 = 3) aporator temperature (if P3 = 1 or 2)	3.		3 SE	- -		will show the label "y" followed						1 = display locked 2 = dEF label
	xiliary temperature (if P4 = 1, 2 or 3) culated product temperature (CPT; if P4 = 3)	4.	f		وا •8	by the last two figures of the year Touch the UP or DOWN key withi			40	d7 d8	0	dripping time defrost interval counting mode	0 15 min 0 = device on hours
3. 2 SE 1	Touch the SET key.	5.	Rep	eat act	ions 3 ar	I nd 4 to set the next labels.							1 = compressor on hours 2 = hours evaporator
4.	Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.	-	LAB n	$\overline{}$	ANING C	OF THE NUMBERS FOLLOWING THE	LABEL						temperature < d9 3 = adaptive
	GER MODULE on SD CARD (not available in EVJ203, EVJ204, EVJ205		d	day	y (01 3 ie (00 2	1)			42	d9	0.0	evaporation threshold for	4 = real time -99 99 °C/°F
and EVJ20	rmation		n	_	nutes (00	•	will show the label for the day of		42	-111		automatic defrost interval counting	0 1
(in CSV format), in	odule makes it possible to write information about the device on an SD card I HACCP or service mode. e configuration parameters.	6.	•		г 8- ▲	the week. Touch the UP or DOWN key w		•,	43	d11 d15	0	enable defrost timeout alarm compressor on consecutive time for hot gas defrost	0 = no 1 = yes -20 99 min
PAR. DEF. PAI	RAMETER MIN MAX. card writing interval in HACCP 1 30 min	7.	LAB	\vee	SCRIPTION	week.	ann 103 to set the day of the		45	d16	0	pre-dripping time for hot gas	if negative values, duration dripping heater on
mo	•		Mor	n Mo	nday esday				46	d18	40	defrost adaptive defrost interval	0 999 min
mo			UEc	d We	dnesday ursday				40	uio	40	adaptive dell'ost litterval	if compressor on + evapora- tor temperature < d22
Sd3 0 ena	able critical temperature recording 0 = no 1 = yes able cabinet temperature recording 0 = no 1 = yes		Fri Sat	Frie	day				47	d19	3.0	threshold for adaptive defrost	0 = only manual 0 40 °C/°F
	cimal separator type 0 = 10		Sun	s Su	nday I				''	/		(relative to optimal evaporation temperature)	
_	HACCP mode node is always activated, it generates a daily file and a monthly file.	8.		<u> 5</u> €'	<u>ا</u> ا	Touch the SET key: the device w	<u> </u>		48	d20	180	compressor on consecutive time for defrost	0 999 min 0 = disabled
Information written		9.		(1)	1	Touch the ON/STAND-BY key to	exit the procedure beforehand.		49	d21	200	compressor on consecutive time for defrost after power-on and	0 500 min
	perature (if Sd3 = 1, default " no ")	7.3	Rese	et the	factory	settings						overcooling	setpoint) > 10°C/20 °F 0 = disabled
- energy savi	vated/completed ng activated/deactivated	O	N.B.		t the fa	ctory settings are appropriate; so	ee the section CONFIGURATION		50	d22	-2.0	evaporation threshold for adaptive defrost interval counting	
alarm activapower supp	ated/restored ly restored	_ •	PAR	RAMETE								(relative to optimal evaporation temperature)	temperature + d22
	s written for each piece of information.	1.	:	<u>-</u> 5€	r	Touch the SET key for 4s: the dis	play will show the label "PA".		51	d25	0	enable air out probe for defrost during evaporator probe alarm	0 = no 1 = yes
Writing in service m	service mode node must be manually activated.	2.	1	2 SE	r	Touch the SET key.			52	d26	6	defrost interval during evaporator probe alarm	0 99 h 0 = only manual
Information written temperature enable/disa	e detected by all probes	3.	f	-	وا ۲	Touch the UP or DOWN key withi	n 15s to set "149 ".	-	N.	PAR.	DEF.	ALARMS	if d25 = 1 MIN MAX.
 device swite functions or 	ched on/off	4.	1	a se	r	Touch the SET key (or do not on show the label "dEF".	perate for 15s): the display will		53	A0	0	temperature alarms	0 = regulation temperature 1 = evaporator temperature
- defrost activ	vated/completed ng activated/deactivated	5.		SE		Touch the SET key.	_		54	A1	0.0	threshold for low temperature alarm	
alarm activapower supp	ated/restored ly restored	6.	√	√ ^	وا ◄	Touch the UP or DOWN key withi	n 15s to set " 1 ".		55	A2	0	low temperature alarm type	0 = disabled 1 = relative to setpoint 2 = absolute
The date and time i	is written for each piece of information.	7.	<u> </u>	<u> 5</u> €*	_ '	Touch the SET key (or do not ope	erate for 15s).		56	A4	0.0	threshold for high temperature alarm	-99 99 °C/°F
6.4 Activate/d	leactivate writing in service mode pad is not locked.	9.		errupt t	i	r supply to the device. Touch the SET key for 2s before	e action 6 to exit the procedure		57	A 5	0	high temperature alarm type	0 = regulation temperature 1 = evaporator temperature
1.	Touch the DOWN key for 1s.					beforehand.			58	A6	120	high temperature alarm delay	2 = auxiliary temperature
2.	Touch the UP or DOWN key within 15s to select the label "SEr".					PARAMETERS	I		59	A7	15	after power-on high/low temperature alarms	
3. 2561	1		N. 1	PAR.	O.O	SETPOINT setpoint	MIN MAX.	73	60	A8	15	delay high temperature alarm delay	
4.	Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing).		N. 2	PAR. CA1	DEF.	ANALOGUE INPUTS cabinet probe offset	MIN MAX. -25 25 °C/°F		61	A9	15	after defrost high temperature alarm delay	0 240 min
5.	Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.		3	CA2	0.0	evaporator probe offset	if P4 = 3, air in probe offset -25 25 °C/°F		62	A10	10	after door closing power failure duration for alarm	0 240 min
6.5 File names	; file name written in HACCP mode (e.g. the file * <i>log001_2015_03_26.csv</i> *).		5	P0 P1	0.0	auxiliary probe offset probe type enable °C decimal point	-25 25 °C/°F 0 = PTC					recording (not available in EVJ203, EVJ204, EVJ205 and	
<i>001</i> 1	the device address is 1 (parameter LA) the file was written in 2015		7	P2	0		$\begin{array}{cccccccccccccccccccccccccccccccccccc$		63	A11	2.0	EVJ206) high/low temperature alarms	1 15 °C/°F
<i>03</i> 1	the file was written in March the file was written on 26 March 2015		8	P3	1	evaporator probe function	0 = disabled 1 = defrost + fan		64	A12	0	reset differential power failure alarm notification	
Example of a month	nly file name written in HACCP mode (e.g. the file "log001_2015_m03.csv").		9	P4	0	configurable input function	2 = fan 0 = digital input					type (not available in EVJ203, EVJ204, EVJ205 and EVJ206)	1 = HACCP LED + PF label + buzzer
	the device address is 1 (parameter LA) the file was written in 2015	Q	,			somigarasie inpartanetein	1 = condenser probe 2 = critical temperature probe		N	DAD	חרר	FANS	2 = HACCP LED + PF label + buzzer (if duration > A10)
m03 t	the file was written in March 2015						3 = air out probe if P4 = 3, regulation temperature		N. 65	PAR. FO	DEF.	evaporator fan mode during normal operation	MIN MAX. 0 = off 1 = on 2 = on if compressor on
001 1	ame written in service mode (e.g. the file *log001_2015_0001.csv*). the device address is 1 (parameter LA)		10	P5	0	value displayed	= product temperature (CPT) 0 = regulation temperature					Oporation	3 = thermoregulated (with regulation temperature
2015 1 0001 s	the file was written in 2015 sequence number						1 = setpoint 2 = evaporator temperature						+ F1) 4 = thermoregulated (with
6.6 View data- Check that the key	logger module alarms			_			3 = auxiliary temperature 4 = air in temperature						regulation temperature + F1) if compressor on
1. I V	Touch the DOWN key for 1s.		11	P7	50	inlet air weight for calculated product temperature (CPT)	$CPT = \{[(P7 x (inlet air T))] +$						5 = according to F6 6 = thermoregulated (with F1)
2.	Touch the UP or DOWN key within 15s to select the label "Err".		10	DC	-	dienlay rafrash tim-	[(100 - P7) x (outlet air T)] : 100}						7 = thermoregulated (with F1) if compressor on
3. 256	Touch the SET key.		12 N.	PAR.	DEF.	display refresh time REGULATION setroint differential	0 250 s : 10 MIN MAX.		66	F1		threshold for evaporator fan operation	
4. v	Touch the UP or DOWN key within 15s to see the alarm code.		13 14 15	r0 r1 r2	-40 50.0	setpoint differential minimum setpoint maximum setpoint	1 15 °C/°F -99 °C/°F r2 r1 199 °C/°F	Ş)	67	F2	0	evaporator fan mode during defrost and dripping	2 = according to F0
	SCRIPTION space left on SD card alarm		16	r3	0	enable setpoint block	0 = no 1 = yes		68	F3	2	evaporator fan off maximum time	def. 0 in EVJ203 ed EVJ213
Sd SD	ard not inserted or not recognised alarm Touch the ON/STAND-BY key (or do not operate for 60s) to exit	*	17	r4 r5	0.0	setpoint offset in energy saving cooling or heating operation	0 99 °C/°F 0 = cooling 1 = heating		69	F4	30	evaporator fan off time during energy saving	if F0 ≠ 5
5.	the procedure.		19	r6	0.0	setpoint offset in overcooling/overheating	1 = heating n 0 99 °C/°F		70	F5 F6	30	evaporator fan on time during energy saving	if F0 ≠ 5
7 SETTINGS 7.1 Setting con	nfiguration parameters		20	+	0	overcooling/overheating duration position of the r0 differential	0 240 min 0 = asymmetric		′ ′	r0	0	high/low humidity operation	0 = low humidity (with F17 and F18 if compressor off, on if compressor on)
1.			N.	PAR.	DEF.	COMPRESSOR	1 = symmetric MIN MAX.		72	F7	5.0	threshold for evaporator fan on	1 = high humifity (on)
2. 2561	1		22	_	0	compressor on delay afte power-on			"	.,	5.0	after dripping (relative to setpoint)	
	Touch the UP or DOWN key within 15s to set the PAS value (default "-19").		23	C1	5	delay between 2 compresso switch-ons	0 240 min		73	F8	2.0	threshold for evaporator fan operation differential	1 15 °C/°F
3.	Touch the SET key (or do not operate for 15s): the display will		24	_	3	compressor off minimum time	0 240 min 0 240 s		74	F9	10	evaporator fan off delay after compressor off	0 240 s if F0 = 2 or 5
4. ase1	show the label "SP".		25	1									
4. ase1	show the label "SP".		26		10	compressor off time during cabinet probe alarm	0 240 min						
4. aset	show the label "SP". Touch the UP or DOWN key to select a parameter. Touch the SET key.	f		_	10								
4. aset	show the label "SP". Touch the UP or DOWN key to select a parameter.		26	C4 C5	10	cabinet probe alarm compressor on time during	0 240 min						

EVCO S	n A I	EVI 200	1 Instru	ction sheet ver. 1.0 Code 104J200I10	21 V/DS Page 2 of 2 DT 19/17
2,000 3.	75	F10	1	condenser fan mode	0 = thermoregulated (with F11) 1 = thermoregulated (with
					F11) if compressor off, on if compressor on
					2 = thermoregulated (with
					F11) if compressor off, on if compressor on, off
					during defrost, pre- dripping and dripping
	76	F11	15.0	threshold for condenser fan on	0 99 °C/°F differential = 2 °C/4 °F
	77	F12	30	condenser fan off delay after compressor off	0 240 s if P4 ≠ 1
	78	F17	60	evaporator fan off time with low humidity	0 240 s
	79	F18	10	evaporator fan on time with low humidity	0 240 s
	N. 80	PAR.	DEF.	DIGITAL INPUTS door switch input function	MIN MAX. 0 = disabled
	00	10		door switch input function	1 = compressor +
					evaporator fan off 2 = evaporator fan off
					3 = cabinet light on 4 = compressor +
					evaporator fan off, cabinet light on
					5 = evaporator fan off + cabinet light on
	81	i1	0	door switch input activation	0 = with contact closed 1 = with contact open
	82	i2	30	open door alarm delay	-1 120 min -1 = disabled
	83	i3	15	regulation inhibition maximum time with door open	-1 120 min -1 = until the closing
	84	i4	0	enable open door alarm recording	0 = no 1 = yes if i2 ≠ -1 and after i2
	85	i5	8	multi-purpose input function	0 = disabled
					1 = energy saving 2 = iA alarm
€					3 = iSd alarm 4 = button-operated load 1 on
					5 = button-operated load 2 on 6 = device on/off
					7 = LP alarm 8 = C1t alarm
	86 i6 O		0	multi-purpose input activation	9 = C2t alarm 0 = with contact closed
	87 i7 O		0	multi-purpose input alarm delay	1 = with contact open 0 120 min
				man parpose input dia m dolay	if i5 = 3, 8 or 9, compressor on delay after alarm reset
	88	i8	0	number of multi-purpose input activations for high pressure	0 15
				alarm	if i5 = 3
	89	i9	240	reset counter time for high pressure alarm	1 999 min
	90	i10	0	door closed consecutive time for energy saving	0 999 min after regulation temperature
					< SP 0 = disabled
	91	i13	180	number of door openings for defrost	0 240
				deliost	0 = disabled
	92	i14	32	door open consecutive time for defrost	0 = disabled 0 240 min 0 = disabled
	92 N. 93	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX.
	N.			door open consecutive time for defrost	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor
	N.	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	O 240 min O = disabled MIN MAX. O = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan
	N.	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light
	N.	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters
	N.	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater
	N.	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2
	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by
	N.	PAR.	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor
	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor
	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan
	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost
	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting
	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone
*	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater
*	N. 93	PAR. u1c	DEF.	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 1 11= button-operated load 1 11= button-operated load 2 12= alarm 13 = on/stand-by
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 1 = second compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 11 = button-operated load 1
*	N. 93	PAR. u1c	0	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-o
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 1
*	N. 93	u1c u2c u3c	0 4 4 5	door open consecutive time for defrost DIGITAL OUTPUTS relay K1 configuration relay K2 configuration relay K3 configuration	0 240 min 0 = disabled MIN MAX. 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 2 12 = alarm 13 = on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10 = button-operated load 1 11 = button-operated load 1

		·	·	٠ _	י י	~ ·ation	Cost	
		97	u5c	3	-	5 configuration in EVJ203, I		0 = first compressor 1 = second compressor
	ļ					nd EVJ214)		2 = evaporator fan
								3 = condenser fan
	-							4 = defrost 5 = cabinet light
								5 = cabinet light6 = demisting
								7 = door heaters
								8 = heater for neutral zone
								9 = dripping heater 10= button-operated load 1
								11= button-operated load 2
								12= alarm
			,					13= on/stand-by
		98	u6c	11		6 configuration in EVJ206 and EV	-	0 = first compressor 1 = second compressor
					available	III EV3200 and E	VJ210)	2 = evaporator fan
1								3 = condenser fan
								4 = defrost 5 = cabinet light
								6 = demisting
								7 = door heaters
								8 = heater for neutral zone
								9 = dripping heater 10= button-operated load 1
								11= button-operated load 2
								12= alarm
.		99	113	0	onable c	abinot light and	button	13= on/stand-by 0 = no 1 = yes
		99	u2	"		abinet light and load in stand-by	button-	0 = no 1 = yes manual
1		100	u4	1		arm output off s	ilencing	0 = no 1 = yes
					the buzze			
1		101	u5	-1.0	threshold	for door heaters	on	-99 99 °C/°F
.		102	u6	5	demisting	on duration		differential = 2 °C/4 °F 1 120 min
		103	u7	-5.0	neutral	zone threshol	ld for	-99 99 °C/°F
1					heating (relative to setpoi	nt)	differential = 2 °C/4 °F
		104	0	_				setpoint + u7
		104 N.	u9 PAR.	DEF.		arm buzzer IE CLOCK		0 = no 1 = yes MIN MAX.
		105	HrO	0			0 in	0 = no 1 = yes
						EVJ204, EVJ20	5 and	
	- 0	NI	DAD	חרר	EVJ206)	CAVING (if =E))	MIN MAX.
		N. 106	PAR. HE2	DEF.		SAVING (if r5 = 0 aving maximum o		0 999 min
.		N.	PAR.	DEF.		ME ENERGY SAV		MIN MAX.
	, O				r5 = 0)			
	#	107 108	H01 H02	0		ving time	luration	0 23 h 0 24 h
		N.	PAR.	DEF.		aving maximum o IE DEFROST (if de		MIN MAX.
-		109	Hd1	h-		defrost time	,	h- = disabled
	▲ (3)	110	Hd2	h-		defrost time		h- = disabled
	• G	111	Hd3 Hd4	h- h-		defrost time defrost time		h- = disabled h- = disabled
-		113	Hd5	h-		defrost time		h- = disabled
-		114	Hd6	h-		defrost time		h- = disabled
		N.	PAR.	DEF.		GGING (not avai		MIN MAX.
					EVJ203, EVJ206)	EVJ204, EVJ20	5 and	
-		115	Sd0	30	SD card v	vriting interval in	HACCP	1 30 min
		441	Sd1		mode			1 00 :
		116		1	service m	d writing inter	val in	1 30 min
-			Jui		Sel vice II	node		
		117	Sd2	60		node node duration		1 240 min
-		117 118		60	service m	node duration critical temp	erature	1 240 min 0 = no 1 = yes
-		118	Sd2 Sd3	0	service m enable recording	node duration critical temp		0 = no 1 = yes
		-	Sd2		service m	node duration critical temp cabinet temp		0 = no 1 = yes
		118 119 120	Sd2 Sd3 Sd4 Sd5	0 0 1	service m enable recording enable recording decimal s	ode duration critical temp cabinet temp eparator type		0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point
		118 119 120 N.	Sd2 Sd3 Sd4 Sd5 PAR.	0 0 1 DEF.	service m enable recording enable recording decimal s	critical temp cabinet temp eparator type	erature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX.
		118 119 120	Sd2 Sd3 Sd4 Sd5	0 0 1	enable recording enable recording decimal s	cabinet temp cabinet temp cabinet temp eparator type N/STAND-BY key	erature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes
		118 119 120 N. 121	Sd2 Sd3 Sd4 Sd5 PAR. POF	0 0 1 DEF.	enable recording decimal s SAFETIES enable oldenable keeps and seeps and seeps and seeps are seeps and seeps and seeps are seeps and seeps are seeps and seeps are seeps are seeps and seeps are seens are seen are seens are seens are seen are se	critical temp cabinet temp eparator type	perature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes
	♦	118 119 120 N. 121 122	Sd2 Sd3 Sd4 Sd5 PAR. POF	0 0 1 DEF. 1	service m enable recording enable recording decimal s SAFETIES enable Of enable ke the mode interface)	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa	perature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes
	⊗	118 119 120 N. 121 122	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc	0 0 1 DEF. 1 1	service m enable recording enable recording decimal s SAFETIES enable Of enable ke the mode interface) password	cabinet temp eparator type S N/STAND-BY key eypad lock (defa	perature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes
	♦	118 119 120 N. 121 122	Sd2 Sd3 Sd4 Sd5 PAR. POF	0 0 1 DEF. 1	service m enable recording enable recording decimal s SAFETIES enable OI enable ki the mode interface) password level 1 pa	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa	perature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes
	♡	118 119 120 N. 121 122 123 124	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1	0 0 1 DEF. 1 1 -19 426	service m enable recording enable recording decimal s SAFETIES enable OI enable ki the mode interface) password level 1 pa level 2 pa	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa	perature	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999
-	⊗	118 119 120 N. 121 122 123 124 125 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0	0 0 1 DEF. 1 1 -19 426 824 DEF.	service menable recording enable recording decimals safetiles enable of enable kithe mode interface) password level 1 pa level 2 pa DATA-LO data-logg	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword GGING EVLINK er sampling inter	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 -99 999 MIN MAX. 0 240 min
-		118 119 120 N. 121 122 123 124 125 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR.	0 0 1 DEF. 1 1 -19 426 824 DEF.	service menable recording enable recording decimals safetiles enable of enable kithe mode interface) password level 1 pa level 2 pa DATA-LO data-logg	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword essword egging EVLINK	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet
-		118 119 120 N. 121 122 123 124 125 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0	0 0 1 DEF. 1 1 -19 426 824 DEF.	service menable recording enable recording decimals safetiles enable of enable kithe mode interface) password level 1 pa level 2 pa DATA-LO data-logg	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword GGING EVLINK er sampling inter	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 -99 999 MIN MAX. 0 240 min
-	♦	118 119 120 N. 121 122 123 124 125 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0	0 0 1 DEF. 1 1 -19 426 824 DEF.	service menable recording enable recording decimals safetiles enable of enable kithe mode interface) password level 1 pa level 2 pa DATA-LO data-logg	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword GGING EVLINK er sampling inter	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator
	♦	118 119 120 N. 121 122 123 124 125 N. 126 127	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service menable recording enable recording enable recording decimal s SAFETIES enable Of enable kit the mode interface) password level 1 pz level 2 pz DATA-LO data-logg recorded	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword GGING EVLINK er sampling inter	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all
-	⟨S	118 119 120 N. 121 122 123 124 125 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0	0 0 1 DEF. 1 1 -19 426 824 DEF.	service menable recording enable recording decimals safetiles enable of enable kithe mode interface) password level 1 pa level 2 pa DATA-LO data-logg	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant eassword GGING EVLINK er sampling inter temperature	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator
	⟨S	118 119 120 N. 121 122 123 124 125 N. 126 127	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant eassword GGING EVLINK er sampling inter temperature	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud
-		118 119 120 N. 121 122 123 124 125 N. 126 127	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword essword GGING EVLINK er sampling inter temperature	ult 0 in me user	0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud
		118 119 120 N. 121 122 123 124 125 N. 126 127	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword essword GGING EVLINK er sampling inter temperature	ult 0 in me user	0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 = none 1 = cabinet 2 = evaporator 3 = auxillary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud
		118 119 120 N. 121 122 123 124 125 N. 126 127	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword essword GGING EVLINK er sampling inter temperature	ult 0 in me user	0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = yes 0 = no 1 = yes -99 999 -99 999 MIN MAX. 0 240 min 0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud
-		118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable OI enable ki the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword essword GGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = cabinet 1 = cabinet 2 = evaporator 3 = auxillary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = none 1 = odd 2 = even
	☐ Id	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129 130 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 1 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS BULETOC	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-fran essword GGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = none 1 = odd 2 = even MIN MAX.
-	☐ Id	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable OI enable ki the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-fran essword GGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = cabinet 1 = cabinet 2 = evaporator 3 = auxillary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = none 1 = odd 2 = even
-	Id *	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129 130 N.	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1 PAR. LA Lb LP PAR. bLE	0 0 1 DEF. 1 1 -19 426 824 DEF. 60 4	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 1 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS BULETOC	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-fran essword GGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = none 1 = odd 2 = even MIN MAX.
	Id *	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129 130 N. 131	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rEO rE1 PAR. LA Lb LP PAR. bLE	O O 1 DEF. 1 1 1 1 -19 426 824 DEF. 60 4 DEF. 247 2 DEF. 1	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 1 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS BULETOC	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant elssword essword eGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = colored in the second in the se
-	Id \$	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129 130 N. 131 ALAK	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rEO rE1 PAR. LA Lb LP PAR. bLE RMS CRIPTIO	0 0 1 DEF. 1 1 1 -19 426 824 DEF. 60 4 DEF. 247 2 DEF. 1	service m enable recording enable recording enable recording decimal s SAFETIES enable OI enable ke the mode interface) password level 1 pz level 2 pz DATA-LO data-logg recorded MODBUS MODBUS MODBUS BLUETOC enable Bl	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant elssword essword GGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = cabinet 1 = cabinet 2 = evaporator 3 = auxillary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = none 1 = odd 2 = even MIN MAX. 0 = no 1 = yes
	Id *	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 128 129 130 N. 131 ALAK Cabi	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1 PAR. LA Lb LP PAR. bLE RMS CRIPTIG	O O 1 DEF. 1 1 1 1 -19 426 824 DEF. 60 4 DEF. 247 2 DEF. 1	service m enable recording enable recording enable recording decimal s SAFETIES enable OI enable ke the mode interface) password level 1 pa level 2 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS BLUETOC enable Bl	cabinet temp cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant elssword essword eGING EVLINK er sampling inter temperature address baud rate	ult 0 in me user	0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = cabinet 1 = cabinet 2 = evaporator 3 = auxillary 4 = cabinet and evaporator 5 = all MIN MAX. 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = none 1 = odd 2 = even MIN MAX. 0 = no 1 = yes
	Id \$\\ \cdots\$	118 119 120 N. 121 122 123 124 125 N. 126 127 N. 130 N. 131 ALAK	Sd2 Sd3 Sd4 Sd5 PAR. POF Loc PAS PA1 PA2 PAR. rE0 rE1 PAR. LA Lb LP PAR. bLE CRIPTIO corator	0 0 1 DEF. 1 1 1 -19 426 824 DEF. 60 4 DEF. 247 2 DEF. 1	service m enable recording enable recording decimal s SAFETIES enable Ol enable ki the mode interface) password level 1 pa level 1 pa DATA-LO data-logg recorded MODBUS MODBUS MODBUS	cabinet temp cabinet temp eparator type S N/STAND-BY key eypad lock (defa els with open-frant essword essword eGGING EVLINK er sampling inter temperature address baud rate	TO COR - checl - checl	0 = no 1 = yes 0 = no 1 = yes 0 = comma 1 = point MIN MAX. 0 = no 1 = yes 0 = no 1 = comma

	130	LP	2	parity			0 = none 1 = odd 2 = even				
	N.	PAR.	DEF.	BLUETOC	NTH.		MIN MAX.				
*	131	bLE	1	enable B			0 = no 1 = yes				
	1131	DLE		l enable b	detootii		0 = 110				
9	ALAR	RMS									
COD.	DES	CRIPTIO	NC		RESET	TO COR	RECT				
Pr1	cabi	net prol	be alarn	n	automatic	- checl	k P0				
Pr2	eva	oorator	probe a	larm	automatic	- chec	k probe integrity				
Pr3	auxi	iliary pr	obe alar	m	automatic	- chec	k electrical connection				
rtc	cloc	k alarm			manual	set date	e, time and day of the week				
AL	low	tempera	ature ala	arm	automatic	check A	0, A1 and A2				
AH	high	tempe	rature a	larm	automatic	check A	4 and A5				
id	oper	n door a	alarm		automatic	check i	o and i1				
PF	pow	er failur	e alarm	ı	manual	- touch	- touch a key				
						- chec	- check electrical connection				
сон	high	conder	nsation v	warning	automatic	check C	eck C6				
CSd	high	conder	nsation a	alarm	manual	- switc	switch the device off and on				
						- chec	Gricolt G7				
iA	mult	ti-purpo	se input	t alarm	automatic		check i5 and i6				
iSd	high	pressu	re alarn	า	manual		- switch the device off and on				
							- check i5, i6, i8, i9				
LP	low	pressur	e alarm		automatic	check is	check i5 and i6				
							check i5 and i6				
C1t	1		therm	al switch	automatic	check it	and 16				
C2t	aları					-11- 17					
CZt	1	ond con ch alarr		thermal	automatic	cneck is	5 and i6				
dFd			out ala	rm	manual	a a kov					
ui u	den	OST TITLE	out ala		mandai	1	 touch a key check d2, d3 and d11 				
FUL	SD	card full	alarm		manual	_	ree up space on the SD card or				
							replace it				
Sd	No s	SD card	inserted	d alarm	manual		insert the SD card or replace it				
	1					1					
10	TECH	INICAL	SPECI	FICATION	IS						

Function controller

Open-frame models

vice Built-in electronic device

Models in plastic container Black, self-extinguishing

Open-frame board

Purpose of the control device

Construction of the control device
Container Mod

	at and fire resis		D	
Measurements		Models in plast	ic container	111.4 x 76.4 x 48.0 m
		Open-frame m	odels	(4 3/8 x 3 x 1 15/16 in) 101.0 x 67.0 x 47.0 m
Mounting me	thods for the	Models in plast	ic container	(4 x 2 5/8 x 1 7/8 in) To be fitted to a panel, with
control device		·		elastic holding flaps
		Open-frame models		To be installed from behind
				with threaded studs ar membrane keypad (no
				provided)
Degree of		Models in plastic container		IP65 (front), on condition th
provided by th	e covering			device is fitted to a met panel with thickness 0.8 m
				(1/32 in)
		Open-frame m	odels	IPO0
Connection me	ethod	•		
			2.5 mm² (remov	able screw terminal blocks for
wires up to 2,5 Pico-Blade con	mm² by reques	st)	Micro MaTch co	nnoctor
Maximum permitted length for connection cab			Micro-MaTch connector les	
	10 m (32.8 ft)			s: 10 m (32.8 ft)
Digital inputs:	10 m (32.8 ft)		Digital outputs	: 10 m (32.8 ft)
Operating tem	perature		From -5 to 55	°C (from 23 to 131 °F)
Storage tempe				°C (from -13 to 158 °F)
Operating hum	nidity		Relative humidity without condensate from	
Pollution statu	s of the control of	device	10 to 90%	
Conformity	3 of the control of	ic vice		
RoHS 2011/65	/CE	WEEE 2012/19	P/EU	REACH (EC) Regulation 1907/2006
EMC 2014/30/	UE		LVD 2014/35/L	JE
Power supply			T .	
12 VAC (+10° max. 4 VA inst	% -15%), 50/6	0 Hz (±3 Hz),	12 VDC (+10%	5 -15%), max. 3.5 W insulated
	ods for the contr	ol device	None	
	-withstand volta		4 KV	
Over-voltage o			III	
Software class			А	
Clock			Incorporated secondary lithium battery (clo not available in EVJ203, EVJ204, EVJ205 at EVJ206)	
Clock drift			≤ 60 s/month at 25 °C (77 °F)	
Clock battery autonomy in the absence of a			> 24 h at 25 °C (77 °F)	
power supply				
Clock battery charging time			24 h (the battery is charged by the pow	
			supply of the device) 2 for PTC or NTC probes (cabinet probe a	
Analogue innui	te			
Analogue inpu	ts		1	
	ts Sensor type		evaporator pro	
		ïeld	evaporator pro KTY 81-121 (9	be)
	Sensor type Measurement t Resolution	ïeld	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F)	be) 90 Ω @ 25 °C, 77 °F) 0 °C (from -58 to 302 °F)
PTC probes	Sensor type Measurement t Resolution Sensor type		evaporator pro KTY 81-121 (9) From -50 to 15 0.1 °C (1 °F) ß3435 (10 K	be) 90 Ω @ 25 °C, 77 °F) 0 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F)
	Sensor type Measurement t Resolution Sensor type Measurement t		evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 K \(\) From -40 to 10	be) 90 Ω @ 25 °C, 77 °F) 0 °C (from -58 to 302 °F)
PTC probes	Sensor type Measurement t Resolution Sensor type		evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KG From -40 to 10 0.1 °C (1 °F)	be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F)
PTC probes NTC probes Digital inputs	Sensor type Measurement t Resolution Sensor type Measurement t	ield	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 K \(\) From -40 to 10	be) 90 Ω @ 25 °C, 77 °F) 0 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch)
PTC probes NTC probes Digital inputs	Sensor type Measurement t Resolution Sensor type Measurement t		evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KG From -40 to 10 0.1 °C (1 °F)	be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F)
PTC probes NTC probes Digital inputs	Sensor type Measurement t Resolution Sensor type Measurement t	Tield Contact type	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KG From -40 to 10 0.1 °C (1 °F)	be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch) 5 VDC, 2 mA
PTC probes NTC probes Digital inputs Dry contact	Sensor type Measurement t Resolution Sensor type Measurement t	Contact type Power supply Protection Input configur	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 KUS From -40 to 10 0.1 °C (1 °F) 1 dry contact (be) 90 Ω @ 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch) 5 VDC, 2 mA None None ue input (auxiliary probe)
NTC probes NTC probes Digital inputs Dry contact Other inputs	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n	evaporator pro KTY 81-121 (9º From -50 to 15 0.1 °C (1 °F) B3435 (10 KUS From -40 to 10 0.1 °C (1 °F) 1 dry contact (be) 90 \(\Omega = 25 \cdot \cdot \cdot , 77 \cdot \cdot \cdot \cdot) \) 00 \(\cdot \cdot \cdot (\cdot \cdot \cdot -58 \text{ to } 302 \cdot \cdot \cdot \cdot) \) 00 \(\cdot \cdot \cdot (\cdot \cdot \cdot -58 \text{ to } 302 \cdot \cdot \cdot \cdot) \) 00 \(\cdot
NTC probes NTC probes Digital inputs Dry contact Other inputs	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20	evaporator pro KTY 81-121 (9º From -50 to 15 0.1 °C (1 °F) B3435 (10 KUS From -40 to 10 0.1 °C (1 °F) 1 dry contact (rable for analogoutti-purpose inp	be) 90 \(\Omega = 25 \cdot \cdot \cdot , 77 \cdot \cdot \cdot \cdot) \) 90 \(\Omega = 25 \cdot \cdot \cdot , 77 \cdot \cdot \cdot \cdot) \) 90 \(\Omega = 25 \cdot \cdot \cdot , 77 \cdot \cdot \cdot \cdot) \) 90 \(\Omega = 25 \cdot \cdot \cdot , 77 \cdot \cdot \cdot \cdot) \) 95 \(\cdot \cdot \cdot (\cdot \cdot \cdot \cdot \cdot \cdot \cdot 221 \cdot \cdot \cdot \cdot) \) 95 \(\cdot \cdot \cdot (\cdot \cdot
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 83435 (10 K°C From -40 to 10 0.1 °C (1 °F) 1 dry contact (able for analog nulti-purpose inp 5 and EVJ215, 4 JJ213) with elect	be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch) 5 VDC, 2 mA None None ue input (auxiliary probe) out) 1 for EVJ204 and EVJ214, 3 for ro-mechanical relay
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KIIII 63435 (10 KIIII 64 From -40 to 10 0.1 °C (1 °F) 1 dry contact (10 1 dry contact (be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch) 5 VDC, 2 mA None None ue input (auxiliary probe) ut) 1 for EVJ204 and EVJ214, 3 for eventual relay
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20	evaporator pro KTY 81-121 (9º From -50 to 15 0.1 °C (1 °F) B3435 (10 KIII From -40 to 10 0.1 °C (1 °F) 1 dry contact (able for analog nulti-purpose inp 5 and EVJ215, 4 /J213) with elect SPST, 16 A res SPST, 30 A res	be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch) 5 VDC, 2 mA None None None ue input (auxillary probe) ut) 1 for EVJ204 and EVJ214, 3 for-mechanical relay . @ 250 VAC
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 Kus From -40 to 10 0.1 °C (1 °F) 1 dry contact (rable for analog culti-purpose inp 5 and EVJ215, 4 J213) with elect SPST, 16 A res EVJ2757277377 SPDT, 8 A res.	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 02 @ 25 °C, 77 °F) 05 °C (from -40 to 221 °F) 06 °C (from -40 to 221 °F) 07 °C (from -40 to 221 °F) 08 °C (from -40 to 221 °F) 08 °C (from -40 to 221 °F) 09 °C (from -40 to 221 °F) 09 °C (from -40 to 322 °F) 09 °C (from -58 to 302 °F) 09 °C (from -40 to 221
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3	Sensor type Measurement (Resolution Sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 KUS From -40 to 10 0.1 °C (1 °F) 1 dry contact (rable for analog nulti-purpose inp 5 and EVJ215, 2/J213) with elect SPST, 16 A res EVJ2?5?2??3?? SPDT, 8 A res. SPST, 16 A res.	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 00 °C (from -40 to 221 °F) 05 °C (from -58 to 302 °F) 05 °C (from -58 to 302 °F) 06 °C (from -58 to 302 °F) 06 °C (from -58 to 302 °F) 07 °C (from -58 to 302 °F) 08 °C (from -58 to 302 °F) 09 °C (from -40 to 221 °F) 09 °C (from -4
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (next) Relay K4 (next)	Sensor type Measurement of Resolution Sensor type Measurement of Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KIIII 63435 (10 KIIII 64 From -40 to 10 0.1 °C (1 °F) 1 dry contact (10 1 dry contact (be) 90 Ω @ 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 15 °C (from -40 to 221 °F) door switch) 5 VDC, 2 mA None None ue input (auxiliary probe) ut) 4 for EVJ204 and EVJ214, 3 fro-mechanical relay . @ 250 VAC
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (n. EVJ213) Relay K5 (not EVJ204 and EV	Sensor type Measurement (Resolution Sensor type Measurement (Resolution The sensor type Measurement (Resolution The sensor type Measurement (Resolution The sensor type Measurement (Resolution	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 Kill From -40 to 10 0.1 °C (1 °F) 1 dry contact (able for analog nulti-purpose inp 5 and EVJ215, 4 /J213) with elect SPST, 16 A res EVJ2757277377 SPDT, 8 A res. SPST, 16 A res. SPST, 8 A res. SPST, 8 A res.	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 02 @ 25 °C, 77 °F) 05 °C (from -40 to 221 °F) 06 VDC, 2 mA 07 None 08 (250 VAC 09 250 VAC
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (nebulation) Relay K4 (nebulation) Relay K5 (not EVJ213) Relay K6 (or EVJ216)	Sensor type Measurement of Resolution Sensor type Measurement of Resolution Measurement of Resolution ot available in Every 1214) nly available in Inc.	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 Kig From -40 to 10 0.1 °C (1 °F) 1 dry contact (able for analog shall be ab	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 02 @ 25 °C, 77 °F) 05 °C (from -40 to 221 °F) 06 oor switch) 05 VDC, 2 mA 07 None 08 Input (auxiliary probe) 09 Input (aux
PTC probes NTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (neVJ213) Relay K4 (neVJ214) Relay K6 (or EVJ204 and EVRelay K6 (or EVJ216) The device guarantees	Sensor type Measurement of Resolution Sensor type Measurement of Resolution Measurement of Resolution ot available in Evi/J214) hly available ir arantees double	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV EVJ203 and EV EVJ203 and EV EVJ204 and insulation betw	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 Kig From -40 to 10 0.1 °C (1 °F) 1 dry contact (able for analog shall be ab	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 00 °C (from -40 to 221 °F) 05 °C (from -40 to 221 °F) 06 VDC, 2 mA 07 None 08 (100 to 221 °F) 07 None 08 (100 to 221 °F) 08 (100 to 221 °F) 09
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (nevize) EVJ213) Relay K5 (not EVJ204 and EVRelay K6 (or EVJ216) The device guof the compon	Sensor type Measurement of Resolution Sensor type Measurement of Resolution ot available in EV/J214) arantees double ents of the device	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV EVJ203 and EV EVJ203 and EV EVJ204 and insulation betw	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) B3435 (10 Kig From -40 to 10 0.1 °C (1 °F) 1 dry contact (able for analog shall be ab	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 02 @ 25 °C, 77 °F) 05 °C (from -40 to 221 °F) 06 oor switch) 05 VDC, 2 mA 07 None 08 Input (auxiliary probe) 09 Input (aux
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (neVJ213) Relay K5 (not EVJ216) Relay K6 (or EVJ216) The device guof the compon Type 1 or Type	Sensor type Measurement of Resolution Sensor type Measurement of Resolution ot available in EV/J214) arantees double ents of the device	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV EVJ203 and EV EVJ203 and EV EVJ204 and insulation between	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KIIII 63435 (10 KIIII 64 From -40 to 10 0.1 °C (1 °F) 1 dry contact (10 1 dry contact (be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 02 @ 25 °C, 77 °F) 05 °C (from -40 to 221 °F) 06 oor switch) 05 VDC, 2 mA 07 None 08 Input (auxiliary probe) 09 Input (aux
PTC probes NTC probes Digital inputs Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (neVJ213) Relay K5 (not EVJ216) Relay K6 (or EVJ216) The device guof the compon Type 1 or Type	Sensor type Measurement of Resolution Sensor type Measurement of Resolution ot available in Evidence of the device of the device of Actions	Contact type Power supply Protection Input configur digital input (n 6 (5 for EVJ20 EVJ203 and EV EVJ203 and EV EVJ203 and EV EVJ204 and insulation between	evaporator pro KTY 81-121 (9' From -50 to 15 0.1 °C (1 °F) 63435 (10 KIIII B3435 (10 KIIIII B3435 (10 KIIIII B3435 (10 KIIIII B3435 (10 KIIIII B3435 (10 KIIIIII B3435 (10 KIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	be) 90 \(\Omega \) 25 °C, 77 °F) 00 °C (from -58 to 302 °F) 00 °C (from -58 to 302 °F) 02 @ 25 °C, 77 °F) 05 °C (from -40 to 221 °F) 06 °C (from -40 to 221 °F) 07 °C (from -40 to 221 °F) 08 °C (from -40 to 221 °F) 09 °C (from -40 to 322 °F) 09 °C (from -58 to 302 °F) 09 °C (from -40 to 221 °F) 09 °C (from -40 to 221 °F) 09 °C (from -40 to 221 °F) 00 °C (from -40 to 221

Displays

Custom display, 3 digit, with function icons

Alarm buzzer

Incorporated

Communications ports

1 TTL MODBUS slave port for EVconnect APP or BMS

Provided Type of the SD card data-logger module EVBD05 (not available in EVJ203, EVJ204, EVJ205 and EVJ206)

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

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