

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







EN ENGLISH

- Controllers for low temperature units
- Power supply 230 VAC
- 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, EPoCA remote monitoring system or for

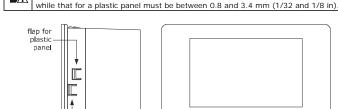
The thickness of a metal panel must be between 0.8 and 1.5 mm (1/32 and 1/16 in),

- Port for SD card data-logger module EVBD05 (according to the model).
- Models in plastic container or open-frame (according to the model).

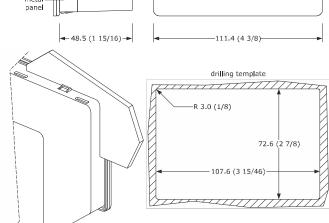
MEASUREMENTS AND INSTALLATION | Measurements in mm (inches

Models in plastic container for front installation

Front installation on a plastic or metal panel (with elastic holding flaps)



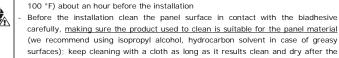




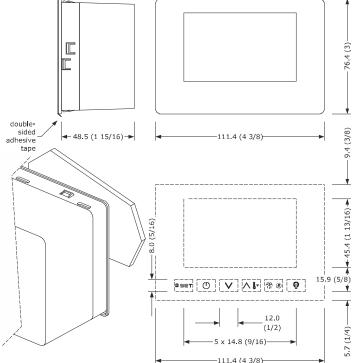
Models in plastic container installed from behind

Installed from behind a glass or methacrylate panel (with biadhesive) customizing the keys on the front of the unit

- The maximum thickness of a glass panel must be 4.0 mm (3/16 in), while that for a methacrylate panel must be 2.0 mm (1/16)
- The panel and the material used to make screen printing must not contain conductive substances
- Keep the device and the panel at a temperature between 15 and 38 °C (59 and

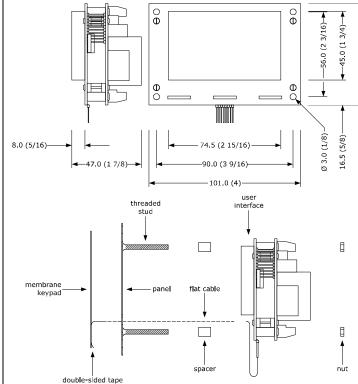


During the installation, exert a uniform and constant pressure about 30 s on the panel surface in contact with the biadhesive; later keep the device and the panel horizontally about 48 h at a temperature between 15 and 38 °C (59 and 100 °F).



Open-frame models

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



INSTALLATION PRECAUTIONS

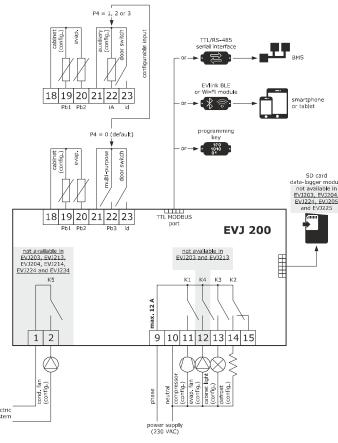
Ensure that the working conditions are within the limits stated in the TECHNICAL SPECIFICATIONS section.

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

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

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 aused condensation to form inside. Wait about an hour before switch power
- 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 the instructions given in the

- INSTALLATION. Power up the device and an internal test will be run.
- 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.

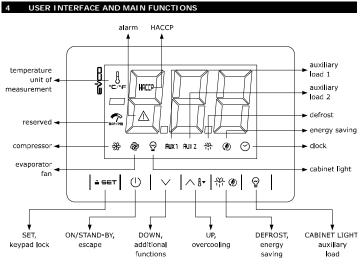
PAR.	DEF.	PARAMETER	MIN MAX.
SP	0.0	setpoint	r1 r2
P0	1	probe type	O = PTC 1 = NTC
P2	0	temperature unit of measurement	0 = °C 1 = °F
d1	0	defrost type	0 = electric 1 = hot gas
			2 = compressor stopped

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

- Disconnect the device from the mains.
- Make the electrical connection as shown in the section $\it ELECTRICAL\ CONNECTION$ 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, EVJ224 and EVJ225 connect the module EVIF23TSX, for recording HACCP data in CSV format on SD card connect the module EVBD05, to use the device with the EPoCA remote monitoring system, connect the EVIF25TWX module, to use the device with the Android APF ${\tt EVconnect\ connect\ the\ interface\ EVIF25TBX\ (or\ use\ EVJ214N7VXXRXV,\ EVJ234\ or}$

EVJ235); see the relevant instruction sheets. If EVIF22TSX or EVIF23TSX is used set parameter bLE to 0.

Power up the device



Switching the device on and off

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

	vice is switched on, the capital shows an alarm code	, ,	alue ("cabinet temperature" default);
LED	ON	OFF	FLASHING
*	compressor on	compressor off	- compressor protection active - setpoint being set
@	evaporator fan on	evaporator fan off	evaporator fan stop active
@	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 input auxiliary 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
(energy saving activelow consumption active	-	-
0	view time	-	set date, time and day of the current week
°⊑/° F	view temperature	-	overcooling or overheating active
НАССР	saved HACCP alarm	-	new HACCP alarm saved
\triangle	alarm active	-	-
If Loc =	1 (default) and 30s have	elapsed without the keys	s 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"

Set the setpoint (if r3 = 0, default)

Check t	hat the keypad isn't	locked.
		Touch the SET key.
2.	√ <u>\</u>	Touch the UP or DOWN key within 15s to set the value within the limits r1 and r2 (default "-40 50 ")
3.	laset	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... u5c = 5) 9 Touch the CABINET LIGHT key.

Button-operated load on/off (if u1c... u5c = 10 or 11) **₽** Touch the CABINET LIGHT key (for 2s if u1c... u5c = 5).

If u1c. . u5c = 6, the **demisting** switch on for the u6 duration

4.7 Silence buzzer (if u9 = 1, default) Touch a key.

If u1c... u5c = 11 and u4 = 1, the alarm output is deactivated.

5 ADDITIONAL FUNCTIONS

5.1 Activate/deactivate overcooling and overheating									
Check that the keypad is not locked.									
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							

FUNCTION	CONDITION	CONSEQUENCE								
overcooling	r5 = 0 and defrost not	the setpoint becomes "setpoint -								
	active	r6", for the r7 duration								
overheating		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 isn't locked.

	1.	`	✓ 	Touch the DOWN key for 1s.
	2.	f	<u> </u>	Touch the UP or DOWN key within 15s to select the label "rH".
	3.	==	SET	Touch the SET key for 2s until the display shows the right label for the function (only touch the key to see the function activated).
1		LAD	DECCRIPTI	

rhL	low humidity function (evaporator fan with F17 and F18 if the compressor is
	off, on if the compressor is on)
rhH	high humidity function (evaporator fan on)

Touch the ON/STAND-BY key (or do not operate for 60s) to exit

EVCO S.p.A. EVJ 200 Instruction sheet ver. 4.0 Code 104J200E403 Page 2 of 4 PT 27/18	1			ı	l			1	
 5.4 View/delete HACCP alarm information (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) Check that the keypad isn't locked. 			e written in HACCP mode (e.g. the file "log001_2015_03_26.csv"). e address is 1 (parameter LA)		5 6	PO P1	1	enable °C decimal point	0 = PTC
Touch the DOWN key for 1s.		2015 the file w	e aduless is Tyanameter DA as written in 2015 as written in March		8	P2 P3	0	temperature unit of measurement evaporator probe function	0 = °C
2. Touch the UP or DOWN key within 15s to select a label.			as written in wardr as written on 26 March 2015		٥	P3		evaporator probe function	1 = defrost + fan 2 = fan
LAB. DESCRIPTION LS view HACCP alarm information	Examp		ame written in HACCP mode (e.g. the file "log001_2015_m03.csv"). e address is 1 (parameter LA)		9	P4	0	configurable input function (option 4 only available in	
rLS delete HACCP alarm information		2015 the file w	as written in 2015 as written in March 2015					EVJ224, EVJ225, EVJ234 and EVJ235)	· ·
3. a SET Touch the SET key.	Example of a file name written in service mode (e.g. the file "log001 2015 0001.csv").							,	4 = evaporator 2 probe if P4 = 3, regulation temperature
4. Touch the UP or DOWN key to select an alarm code (to select label "rLS").		001 the device	e address is 1 (parameter LA) as written in 2015		10	P5	0	value displayed	= product temperature (CPT) 0 = regulation temperature
COD. DESCRIPTION AL low temperature alarm		0001 sequence							1 = setpoint 2 = evaporator temperature
AH high temperature alarm id open door alarm (if i4 = 1)		View data-logger that the keypad isn't							3 = auxiliary temperature4 = air in temperature
PF power failure alarm (available in EVJ213, EVJ214, EVJ214N7VXXRXV, EVJ215, EVJ234 and EVJ235 or in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225 with	1.	I ∨ I	Touch the DOWN key for 1s.		11	P7	50	inlet air weight for calculated product temperature (CPT)	0 100 % CPT = {[(P7 x (inlet air T)] +
interface EVIF25TBX connected) 5. □ SET □ Touch the SET key.	2.	√ B b	Touch the UP or DOWN key within 15s to select the label "Err".						[(100 - P7) x (outlet air T)] : 100}
5. Touch the SET key. 6. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.	3.	a set	Touch the SET key.		\rightarrow		DEF.	REGULATION	0 250 s : 10 MIN MAX.
I I I I I I I I I I	4.	√	Touch the UP or DOWN key within 15s to see the alarm code.		13	r0	2.0	setpoint differential	1 15 °C/°F if u1c u5c 1, proportional
Example of alarm information (e.g. a high temperature alarm).			ft on SD card alarm		14 15	r1 r2		minimum setpoint maximum setpoint	-99 °C/°F r2 r1 199 °C/°F
8.0 critical value (calculated cabinet/product temperature) was 8.0 °C/°F was 8.0 °C/°F	5.	Sd SD card no	inserted or not recognised alarm Touch the ON/STAND-BY key (or do not operate for 60s) to exit	*	16 17	r3 r4	0	enable setpoint block	0 = no 1 = yes 0 99 °C/°F
Sta (available in EVJ213, EVJ214, EVJ214N7VXXRXV, EVJ215, EVJ234 and EVJ235 or in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225 with interface EVJE25TBX connected)	7	SETTINGS	the procedure.	42	18	r5	0.0		0 = cooling 1 = heating
interface EVIF25TBX connected) y15 alarm signalled in 2015 n03 alarm signalled in March	7.1	Setting configurat			19	r6	0.0	setpoint offset in overcooling/overheating	0 99 °C/°F
n03 'alarm signalled in March d26 'alarm signalled on 26 March 2015 h16 'alarm signalled at 16:00	1.	aset	Touch the SET key for 4s: the display will show the label "PA".		20	r7	0	overcooling/overheating duration	0 240 min 0 = asymmetric
h16 alarm signalled at 16:00 n30 alarm signalled at 16:30 dur	2.	A SET	Touch the SET key. Touch the UP or DOWN key within 15s to set the PAS value				DEF.		1 = symmetric MIN MAX.
h01 alarm lasted 1h n15 alarm lasted 1h 15min	3.	7 7	(default *-19*). Touch the SET key (or do not operate for 15s): the display will		22	CO	0	compressor on delay after power-on	
5.5 View/delete compressor functioning hours	5.	A SET	show the label "SP".		23	C1	5	delay between 2 compressor switch-ons	0 240 min
Check that the keypad isn't locked.	6.		Touch the UP or DOWN key to select a parameter. Touch the SET key.		24 25	C2 C3	3		0 240 min 0 240 s
1. Touch the DOWN key for 1s. 2. Touch the UP or DOWN key within 15s to select a label.	7.	A SET	Touch the UP or DOWN key within 15s to set the value.		26	C4	10	compressor off time during cabinet probe alarm	
2. Touch the UP or DOWN key within 15s to select a label. LAB. DESCRIPTION	8.	aset	Touch the SET key (or do not operate for 15s).		27	C5	10	compressor on time during cabinet probe alarm	0 240 min
CH1 view compressor functioning hundreds of hours CH2 view second compressor functioning hundreds of hours (if u1c u5c = 1)	9.	laset	Touch the SET key for 4s (or do not operate for 60s) to exit the		28	C6	80.0	threshold for high condensation warning	0 199 °C/°F differential = 2 °C/4 °F
rCH delete compressor and second compressor functioning hours 3. SET Touch the SET key.		, ,	procedure.		29	C7	90.0	threshold for high condensation alarm	0 199 °C/°F
3. Touch the SET key. 4. Touch the UP or DOWN key to set "149" (to select rCH).	7.2	EVJ214N7VXXRXV	ne and day of the week (available in EVJ213, EVJ214, , EVJ215, EVJ234 and EVJ235 or in EVJ203, EVJ204, EVJ205,		30 31	C8	0	,	0 15 min 0 999 h x 100
5. SET Touch the SET key.			5 with interface EVIF25TBX or EVIF25TWX connected)		32	C11	10		0 = disabled 0 240 s
6. Touch the ON/STAND-BY key (or do not operate for 60s) to exit	J.		onnected to the interface EVIF25TBX, do not disconnect the device within two minutes since the setting of the time and day of the		33	C12	2	compressor hours weight for balancing hours and switch-ons	0 10 BHC = {[C12 x (compressor
6. U	Ö		nmunicates with the APP EVconnect, the date, time and day of the					(BHC) - (only available in EVJ224, EVJ225, EVJ234 and	
5.6 View the temperature detected by the probes Check that the keypad isn't locked.			atically be set by the smartphone or tablet.		34	C13	1	EVJ235) compressor hours switch-ons for	
1. Touch the DOWN key for 1s.	Check	that the keypad isn't							hours)] + [C13 x
2. Touch the UP or DOWN key within 15s to select a label.	1.	<u> </u>	Touch the DOWN key for 1s.		35	C14	1	EVJ224, EVJ225, EVJ234 and EVJ235) tie between compressors (only	
LAB. DESCRIPTION cabinet temperature (if P4 = 0, 1 or 2) Pb1 Label 1	3.		Touch the UP or DOWN key within 15s to select the label "rtc". Touch the SET key: the display will show the label "y" followed		33	C14		available in EVJ224, EVJ225, EVJ234 and EVJ235)	-
inlet air temperature (if P4 = 3) Pb2 evaporator temperature (if P3 = 1 or 2)	4.	A SET	by the last two figures of the year. Touch the UP or DOWN key within 15s to set the year.	-	N. 36	PAR.	DEF.	DEFROST (if r5 = 0)	MIN MAX.
Pb3 auxiliary temperature (if P4 = 1, 2 or 3) Pb4 calculated product temperature (CPT; if P4 = 3)	5.		nd 4 to set the next labels.		30	uo	Ü		0 = only manual if d8 = 3, maximum interval
3. Touch the SET key. Touch the ON/STAND-BY key (or do not operate for 60s) to exit		LAB. MEANING C	F THE NUMBERS FOLLOWING THE LABEL		37	d1	0	defrost type	0 = electric 1 = hot gas
4. The old the old stands the old st		n month (01. d day (01 3	1)		38	d2	2.0	threshold for defrost end	2 = compressor stopped -99 99 °C/°F
6 DATA-LOGGER MODULE on SD CARD (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225)		h time (00 2 n minutes (00) 59)		39	d3	30	defrost duration	0 99 min se P3 = 1, maximum duration
6.1 Initial information The data-logger module makes it possible to write information about the device on an SD card	6.	aset	Touch the SET key: the display will show the label for the day of the week.		40 41	d4 d5	0	enable defrost at power-on defrost dealy after power-on	0 = no 1 = yes 0 99 min
(in CSV format), in HACCP or service mode. Data-logger module configuration parameters.	7.	√ <u> </u>	Touch the UP or DOWN key within 15s to set the day of the week.		42	d6	1	value displayed during defrost	0 = regulation temperature 1 = display locked
PAR. DEF. PARAMETER MIN MAX. Sd0 30 SD card writing interval in HACCP 1 30 min		Mon Monday	NC		43	d7	2	dripping time	2 = dEF label 0 15 min
Sd1 1 SD card writing interval in service 1 30 min		tuE Tuesday UEd Wednesday			44	d8	0	defrost interval counting mode	0 = device on hours 1 = compressor on hours
Sd2 60 service mode duration 1 240 min		thu Thursday Fri Friday							2 = hours evaporator temperature < d9
Sd3 0 enable critical temperature recording 0 = no 1 = yes Sd4 0 enable cabinet temperature recording 0 = no 1 = yes		Sat Saturday Sun Sunday							3 = adaptive (if P4 = 4, device on hours) 4 = real time
Sd5 1 decimal separator type 0 = comma 1 = point	8.	a set	Touch the SET key: the device will exit the procedure.		45	d9	0.0	evaporation threshold for automatic defrost interval	4 = real time -99 99 °C/°F
6.2 Writing in HACCP mode Writing in HACCP mode is always activated, it generates a daily file and a monthly file. Information written in HACCP mode.	9.		Touch the ON/STAND-BY key to exit the procedure beforehand.	A	46	d11	0	counting enable defrost timeout alarm	0 = no 1 = yes
- cabinet temperature (if Sd4 = 1, default " no ") - critical temperature (if Sd3 = 1, default " no ")	7.3	Reset the factory	settings	•,	47	d15	0	compressor on consecutive time for hot gas defrost	-20 99 min if negative values, duration
- device switched on/off - defrost activated/completed	o _o	N.B. Check that the fac	ctory settings are appropriate; see the section CONFIGURATION		48	d16	0	pre-dripping time for hot gas	dripping heater on
energy saving activated/deactivated alarm activated/restored		PARAMETERS.			49	d18	40	defrost adaptive defrost interval	0 999 min
 power supply restored The date and time is written for each piece of information. 	1.	aset	Touch the SET key for 4s: the display will show the label "PA".						if compressor on + evapora- tor temperature < d22
6.3 Writing in service mode	2.	aset	Touch the SET key.		50	d19	3.0	threshold for adaptive defrost	0 = only manual 0 40 °C/°F
Writing in service mode must be manually activated. Information written in service mode.	3.	√ B • I	Touch the UP or DOWN key within 15s to set *149*.					(relative to optimal evaporation temperature)	optimal evaporation temperature - d19
temperature detected by all probes enable/disable probes device multipled en/off	4.	aset	Touch the SET key (or do not operate for 15s): the display will show the label *dEF*.		51	d20	180	for defrost	0 999 min 0 = disabled
- device switched on/off - functions on/off - defrost activated/completed	5.	aset	Touch the SET key.		52	d21	200	for defrost after power-on and	0 500 min if (regulation temperature -
 defrost activated/completed energy saving activated/deactivated alarm activated/restored 	6.	√ <u>8</u> ,	Touch the UP or DOWN key within 15s to set *1".			20.5		overcooling	setpoint) > 10°C/20 °F 0 = disabled
power supply restored The date and time is written for each piece of information.	7.	SET	Touch the SET key (or do not operate for 15s).		53	d22	-2.0	evaporation threshold for adaptive defrost interval counting	-10 10 °C/°F optimal evaporation temperature + d22
6.4 Activate/deactivate writing in service mode	9.	Interrupt the powe	supply to the device. Touch the SET key for 2s before action 6 to exit the procedure		54	425		(relative to optimal evaporation temperature)	
Check that the keypad isn't locked.		' '	beforehand.		54	d25 d26	6	enable air out probe for defrost during evaporator probe alarm defrost interval during	0 = no 1 = yes 0 99 h
1. Touch the DOWN key for 1s. 2. Touch the LIP or DOWN key within 15s to select the label. "SFr"		CONFIGURATION			55	u∠b	6	-	0 99 h 0 = only manual if d25 = 1
2. Todati the or of Down key within 135 to select the laber 321.			SETPOINT MIN MAX. setpoint r1 r2		N. 56	PAR.	DEF.	ALARMS select value for high/low	MIN MAX. 0 = regulation temperature
3.		N. PAR. DEF. 2 CA1 0.0	ANALOGUE INPUTS MIN MAX. cabinet probe offset -25 25 °C/°F		56 57	A0 A1	0.0	temperature alarms threshold for low temperature	0 = regulation temperature 1 = evaporator temperature -99 99 °C/°F
writing) or "0" (deactivate writing). Touch the ON/STAND-BY key (or do not operate for 60s) to exit	Q	3 CA2 0.0	if P4 = 3, air in probe offset evaporator probe offset -25 25 °C/°F			AI	J.U	alarm	77 77 Ⅵ F
5. Touch the ON/STAND-BY key (or do not operate for bos) to exit the procedure.	l	4 CA3 0.0	auxiliary probe offset -25 25 °C/°F	Ī					

- 1	A2	0	low temperature alarm type	0 = disabled 1 = relative to setpoint		N. 96	PAR.	DEF.	DIGITAL OUTPUTS relay K1 configuration (options	· · · · · · · · · · · · · · · · · · ·		N. 129	rEC	_	-		GGING EVLINK er sampling int		MIN MAX. 0 240 min
+	A4	0.0	threshold for high temperature	2 = absolute -99 99 °C/°F					14 and 15 only available in EVJ234 and EVJ235)	1 = second compressor 2 = evaporator fan		130	rE1		1 rec	corded	temperature		0 = none 1 = cabir 2 = evaporator
-	A 5	0	alarm high temperature alarm type	0 = disabled						4 = defrost									3 = auxiliary 4 = cabinet and evapora
				1 = relative to setpoint 2 = absolute						5 = cabinet light 6 = demisting		N.	PAR	. D	F. MO	DBUS			5 = all MIN MAX.
	A6	120	high temperature alarm delay after power-on	0 240 min						7 = door heaters 8 = heater for neutral zone		131 132	LA Lb	_	$\overline{}$		address baud rate		1 247 0 = 2,400 baud
	A7	15	high/low temperature alarms delay	0 240 min						9 = dripping heater 10= button-operated load 1	ld	.02			-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Dada rate		1 = 4,800 baud 2 = 9,600 baud
l	A8	15	high temperature alarm delay after defrost	0 240 min						11= button-operated load 2 12= alarm		133	LP		2 par	eltv			3 = 19,200 baud 0 = none 1 = odd
t	A9	15	high temperature alarm delay after door closing	0 240 min						13= on/stand-by 14= evaporator fan 2									2 = even
5	A10	10	power failure duration for alarm	0 240 min		97	u2c	4	relay K2 configuration (options	15= defrost 2		N. 134	PAR bLE	_	l ser		ort configura	tion for	MIN MAX. O = free
			recording (not available in EVJ203, EVJ204, EVJ205, EVJ224			97 u20			14 and 15 only available in EVJ234 and EVJ235)	1 = second compressor 2 = evaporator fan	*				cor	nnectiv	ity		1 = forced for EVconne EPoCA
6	A11	2.0	and EVJ225) high/low temperature alarms	1 15 °C/°F					21323 : dina 213233)	3 = condenser fan 4 = defrost									2-99 = EPoCA local ne address
7	A12	1	reset differential power failure alarm notification							E - cabinot light	9 A	LAR	MS						
			type (not available in EVJ203, EVJ204, EVJ205, EVJ224 and	1 = HACCP LED + PF label + buzzer						7 = door heaters				ΓΙΟΝ			RESET	TO COR	
			EVJ225)	2 = HACCP LED + PF label + buzzer (if duration > A10)						9 = dripping heater				obe a	larm oe alarm	n	automatic automatic	- checl	k P0 k probe integrity
8	PAR. FO	DEF.	FANS evaporator fan mode during	MIN MAX. 0 = off						11= button-operated load 2		auxil clock	_		alarm		automatic manual		k electrical connection e, time and day of the we
			normal operation	2 = on if compressor on 3 = thermoregulated (with						13= on/stand-by					e alarm re alarm		automatic automatic		.0, A1 and A2 .4 and A5
				regulation temperature + F1)		00	2-	_	and the Management of Anti-	15= defrost 2	id	open	doo	r aları ure a	n		automatic manual	check i	
				4 = thermoregulated (with regulation temperature		98	u3c	5	relay K3 configuration (options 14 and 15 only available in	1 = second compressor								- checl	k electrical connection
				+ F1) if compressor on 5 = according to F6					EVJ234 and EVJ235)	3 = condenser fan					ion warr ion alarr		automatic manual		h the device off and on
				6 = thermoregulated (with F1) 7 = thermoregulated (with						j –					nput ala	ırm	automatic	- check is	and i6
9	F1	-4.0	threshold for evaporator fan	F1) if compressor on						7 = door heaters	iSd	high	pres	sure a	larm]	manual		h the device off and on k i5, i6, i8, i9
			operation							8 = heater for neutral zone 9 = dripping heater	LP	low p	ress	ure al	arm		automatic	check is	5 and i6
0	F2	0	evaporator fan mode during defrost and dripping	2 = according to F0								comp		or th	ermal s	witch	automatic	check is	5 and i6
1	F3	2	evaporator fan off maximum time	def. 0 in EVJ203 ed EVJ213	×					l., . ' l-	C2t		nd c		ssor the	ermal	automatic	check is	5 and i6
2	F4	30	evaporator fan off time during energy saving	0 240 s x 10 if F0 ≠ 5						14	_				alarm		manual		1 a key
3	F5	30	evaporator fan on time during energy saving	0 240 s x 10 if F0 ≠ 5		99	u4c	2	relay K4 configuration (not	0 = first compressor	FUL	SD c	ard f	ull ala	rm		manual	free up	k d2, d3 and d11 o space on the SD ca
4	F6	0	high/low humidity operation	0 = low humidity (with F17 and F18 if compressor					available in EVJ203 and EVJ213, options 14 and 15 only available in EVJ224 and EVJ225)	2 = evaporator fan	Sd	No S	D ca	rd ins	erted ala	arm	manual	replace insert t	it he SD card or replace it
				off, on if compressor on) 1 = high humifity (on)					in EVJ234 and EVJ235)		10 T	ECH	NI C	AL SF	ECIFIC	ATION	IS		
5	F7	5.0	threshold for evaporator fan on	-99 99 °C/°F						5 = cabinet light 6 = demisting	Purpose	of t	ne co	ntrol	device		Fund	tion contro	oller
			setpoint)	setpoint + F7						8 = heater for neutral zone	Constru Contain		of tl	ne cor	trol dev		Built Is in plastic con	-in electro tainer	nic device Black, self-extinguishing
6	F8	2.0	threshold for evaporator fan operation differential							9 = dripping heater 10= button-operated load 1			boot	and f	ro rociot	Open-	-frame models	tairiei	Open-frame board
7	F9	10	evaporator fan off delay after compressor off	0 240 s if F0 = 2 or 5						i i i = bulloii-oberateu ioau z =	Measur			and i	re resist		ls in plastic con	tainer	111.4 x 76.4 x 48.0
8	F10	1	condenser fan mode	0 = thermoregulated (with F11) 1 = thermoregulated (with						13= on/stand-by 14= evaporator fan 2						Open-	-frame models		(4 3/8 x 3 x 1 15/16 in) 101.0 x 67.0 x 47.0
				F11) if compressor off, on if compressor on		100	u5c	3	relay K5 configuration (not	15= defrost 2	Mountir	ng n	netho	ds f	or the	Model	ls in plastic con	tainer	(4 x 2 5/8 x 1 7/8 in) according to the model
				2 = thermoregulated (with F11) if compressor off,		1.00	400		available in EVJ203, EVJ213,		control	devi	e						installation on a plas metal panel (with
				on if compressor on, off during defrost, pre-					EVJ214N7VXXRXV, EVJ224 and EVJ234, options 14 and 15 only	3 = condenser fan									holding flaps) or ins from behind a glas
9	F11	15.0	threshold for condenser fan on	dripping and dripping 0 99 °C/°F					available in EVJ235)	5 = cabinet light									methacrylate panel biadhesive) customizin
				differential = 2 °C/4 °F						6 = demisting 7 = door heaters						Onen.	-frame models		keys on the front of the
\perp	F12	30	condenser fan off delay after compressor off	if P4 ≠ 1						8 = heater for neutral zone 9 = dripping heater						Орен	-marrie models		with threaded studs membrane keypad
\perp	F17	60	evaporator fan off time with low humidity	0 240 s						10= button-operated load 1 11= button-operated load 2	D		-6			Madal	ls in plastic con	tainar	provided) IP65 (front), on condition
2	F18	10	evaporator fan on time with low humidity	0 240 s						13= on/stand-by	Degree provide		of the o		tection ng	Wiodei	is in plastic con	tairiei	device is fitted to a
J.				MIN MAX.						14= evaporator fan 2 15= defrost 2									panel with thickness 0. (1/32 in)
3	PAR. i0	DEF.	DIGITAL INPUTS door switch input function	0 = disabled		101	u2	0	enable cabinet light and button-			tion i				<u> </u>	-frame models		IP00
	_	_		0 = disabled 1 = compressor + evaporator fan off					operated load in stand-by	manaa	Connec		tern	ninal l			s up to 2.5 mr		able screw terminal bloc
	_	_		1 = compressor + evaporator fan off 2 = evaporator fan off		102	u4	1	enable alarm output off silencing the buzzer	manual 0 = no 1 = yes	Fixed s			nm² b	locks fo reques			m² (remov	
	_	_		1 = compressor + evaporator fan off 2 = evaporator fan off 3 = cabinet light on 4 = compressor +		102		-1.0	enable alarm output off silencing	manual 0 = no 1 = yes 1 -99 99 °C/°F	Fixed so wires up Pico-Bla	p to 2 ide c	2,5 m onne	ctor	/ reques	st)		n² (remov	
	_	_		1 = compressor + evaporator fan off 2 = evaporator fan off 3 = cabinet light on 4 = compressor + evaporator fan off, cabinet light on		103	u5 u6	-1.0 5	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration	manual	Fixed so wires up Pico-Bla Maximu Power s	p to 2 ide c im pe suppl	2,5 m onne rmit y: 10	ctor ted le m (3	reques ngth for 2.8 ft)	st)	Micro	o-MaTch co	onnector ss: 10 m (32.8 ft)
3	iO	5	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		103	u5 u6	-1.0	enable alarm output off silencing the buzzer threshold for door heaters on	manual	Fixed so wires up Pico-Bla Maximu Power so Digital i Operati	p to 2 ade c am pe suppl nput ng te	2,5 m onne rmit y: 10 s: 10 mpe	ctor ted le m (3 m (3 rature	reques ngth for 2.8 ft)	st)	Microction cables Anal Digit	o-MaTch co ogue input al outputs n -5 to 55	connector :s: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F)
4	iO	0	door switch input function door switch input activation	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 0 = with contact closed 1 = with contact open		103 104 105	u5 u6 u7	-1.0 5 -5.0	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer	manual 0 = no	Fixed so wires up Pico-Bla Maximu Power s Digital i	p to adde complete temple temp	2,5 m onne rmit y: 10 s: 10 mpe pera	ctor ted le m (3 m (3 rature ture	reques ngth for 2.8 ft)	st)	Micro ction cables Anal Digit Fron Fron Rela	ogue input al outputs n -5 to 55 n -25 to 70 tive humie	connector :s: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) 0 °C (from -13 to 158 °F)
44	i0 i1 i2	0 30	door switch input function door switch input activation open door alarm delay	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 0 = with contact closed 1 = with contact open -1 120 min -1 = disabled		103 104 105	u5 u6 u7 u9 PAR.	-1.0 5 -5.0	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in	manual 0 = no	Fixed so wires up Pico-Blad Maximu Power so Digital in Operati Storage Operati	p to 2 ade compensupply nput ng te tem ng hu	2,5 m onne ermit y: 10 s: 10 mpe pera umidi	ctor ed le m (3 m (3 rature ture	reques ngth for 2.8 ft)	connec	Micro ction cables Anal Digit Fron Fron Rela	ogue input al outputs n -5 to 55 n -25 to 70	connector :s: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) 0 °C (from -13 to 158 °F)
4 5 6	iO	0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open	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 0 = with contact closed 1 = with contact open -1 120 min -1 = disabled	<u></u>	103 104 105 106 N.	u5 u6 u7 u9 PAR. HrO	-1.0 5 -5.0	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes	Fixed so wires u Pico-Bla Maximu Power s Digital i Operati Storage Operati	p to 2 ade competed in peter i	2,5 m onne rmit y: 10 s: 10 mpe pera umidi	ctor ted let m (3 m (3 rature ture ty	reques	connec	Microtion cables Anal Digit Fron Rela 10 te	ogue input al outputs n -5 to 55 n -25 to 70 tive humie	onnector s: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) °C (from -13 to 158 °F) dity without condensate
4	i0 i1 i2	0 30	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open	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 0 = with contact closed 1 = with contact open -1 120 min -1 = until the closing 0 = no 1 = yes	<u></u>	103 104 105 106 N.	u5 u6 u7 u9 PAR. Hr0	-1.0 5 -5.0	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224	manual 0 = no	Fixed so wires up Pico-Blad Maximu Power's Digital i Operati Storage Operati Pollution Conforn RoHS 2	p to 2 and a common person pe	2,5 nnneermit y: 10 mpe pera pera tus c Regu	m (3 m (3 m (3 rature ture ty	reques	connection connections and connections are connected as a connection connected as a connected as	Microtion cables Anal Digit Fron Fron Rela 10 tu 2	ogue input al outputs a -5 to 55 a -25 to 70 tive humio o 90%	onnector (s: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) °C (from -13 to 158 °F) dity without condensate
3 4 5 6	i0 i1 i2 i3	0 30 15	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm	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 0 = with contact closed 1 = with contact open -1 120 min -1 = until the closing 0 = no 1 = yes		103 104 105 106 N. 107	u5 u6 u7 u9 PAR. Hr0	-1.0 5 -5.0 1 DEF. 1	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if	manual 0 = no	Fixed si wires up Pico-Blad Maximu Power's Digital i Operati Storage Operati Pollution Conform RoHS 2 REACH Power's 230 VA	p to 2 m per supply mput mput mput tem ng te tem ng hu 011/ (EC) C (+	2,5 nneermit y: 10 mpe pera umidi ttus c Regul	ted lei m (3 m (3 m (3 rature ture ty	y requesing the for 2.8 ft) 2.8 ft)	connection device	Microction cables Anal Digit Fron Fron Rela 10 tr 2 WEE LVD	ogue input al outputs 1 -5 to 55 1 -25 to 70 tive humio 0 90%	onnector is: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) 0 °C (from -13 to 158 °F) dity without condensate /EU JE C (+10% -15%), 50/60 F
4 5 6 7	i1 i2 i3 i4	0 30 15	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock)	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 0 = with contact closed 1 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if i2 ≠ -1 and after i2 0 = disabled 1 = energy saving		103 104 105 106 N. 107 N. 108 N.	u5 u6 u7 u9 PAR. Hr0 PAR. HE2 PAR.	-1.0 5 -5.0 1 DEF. 0 DEF. 0	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time	manual 0 = no	Fixed si wires up Pico-Blad Maximum Power si Digital i Operati Storage Operati Pollution Conform RoHS 2 REACH Power si	p to 2 m per supply mput mput mput tem ng te tem ng hu 011/ (EC) C (+	2,5 nneermit y: 10 mpe pera umidi ttus c Regul	ted lei m (3 m (3 m (3 rature ture ty	ngth for 2.8 ft) 2.8 ft) control d	connection device	Micro Anal Digit Fron	ogue input al outputs 1-5 to 55 1-25 to 70 tive humio 0 90% E 2012/19 2014/35/L 230 VAC max. 6	onnector is: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) °C (from -13 to 158 °F) dity without condensate /EU JE C (+10% -15%), 50/60 F VA insulated in EVJ20
4 5 6 7	i1 i2 i3 i4	0 30 15	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock)	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 0 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no		103 104 105 106 N. 107 N. 108 N. 109 110	u5 u6 u7 u9 PAR. HrO PAR. HE2 PAR.	-1.0 5 -5.0 1 DEF. 1 DEF. 0 DEF.	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving maximum duration REAL TIME DEFROST (if d8 = 4)	manual 0 = no	Fixed significant	p to a decime per composition	2,5 nn ponneermit y: 10 y: 10 mpe pera umidi ttus 0 Regu y: 10% sula	ctor ctor m (3 m (3 m (3 rature ture tty f the -159 ted	requesing the for 2.8 ft) 2.8 ft) 2.8 ft) control d 1907/2 6), 50/6	device	Microtion cables	opue input al outputs 1-5 to 55 1-25 to 70 tive humle 0 90% E 2012/19 2014/35/L 230 VAC max. 6 1:15 with co	onnector is: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) °C (from -13 to 158 °F) dity without condensate /EU JE C (+10% -15%), 50/60 F VA insulated in EVJ20
4 5 6 7	i1 i2 i3 i4	0 30 15	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock)	1 = compressor		103 104 105 106 N. 107 108 N. 109 110 N. 111 1112	u6 u7 u9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2	-1.0 5 -5.0 1 DEF. 1 DEF. 0 DEF.	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes MIN MAX. 0 999 min MIN MAX. 0 23 h 0 24 h MIN MAX. h-= disabled h-= disabled	Fixed significant	p to a decided composition of the composition of th	2,5 nmermity: 10 mpe pera umiditus consultation (10%) 10% (10%) 10	ctor ctor m (3 m (3 m (3 rature ture tty f the -15% ted	ngth for 2.8 ft) 2.8 ft) control d	device	Microtion cables	opue input al outputs 1-5 to 55 1-25 to 70 tive humle 0 90% E 2012/19 2014/35/L 230 VAC max. 6 1:15 with co	onnector is: 10 m (32.8 ft) : 10 m (32.8 ft) °C (from 23 to 131 °F) °C (from -13 to 158 °F) dity without condensate /EU JE C (+10% -15%), 50/60 F VA insulated in EVJ20
4 5 6 7	i1 i2 i3 i4	0 30 15	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock)	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 0 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if i2 ≠ -1 and after i2 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		103 104 105 106 N. 107 108 N. 109 110 N. 111 1112	u6 u7 u9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time	manual 0 = no	Fixed significant	p to 2 ade comm per supply nput ng te tem ng h outply outp	2,5 nm 2,5 nm	ctor ted let	requesion reques	device	Micro Continuous	o-MaTch co ogue input al outputs n -5 to 55 n -25 to 70 tive humio o 90% E 2012/19 2014/35/0 230 VAC max. 6 115 with co 50 VAC	onnector is: 10 m (32.8 ft) 11 m (32.8 ft) 12 m (32.8 ft) 13 m (32.8 ft) 14 m (32.8 ft) 15 m (32.8 ft) 16 m (32.8 ft) 17 m (32.8 ft) 18 m (32.8 ft) 19 m (32.8 ft) 10 m (32.8 ft)
4 5 6 7	i1 i2 i3 i4 i5	0 30 15 0	door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose 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 0 = with contact closed 1 = with contact closed 1 = with contact open -1 120 min -1 = until the closing 0 = no		103 104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115	u5 u6 u7 u9 PAR. Hr0 PAR. He2 PAR. Ho1 Ho2 PAR. Hd1 Hd2 Hd3 Hd4 Hd5	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h- h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2rd daily defrost time 4th daily defrost time 5th daily defrost time	manual 0 = no	Fixed significant	p to 2 ade comm per supply nput ng te tem ng h outply outp	2,5 nm 2,5 nm	ctor ted let	requesion reques	device	Microtion cables	op-MaTch coogue input all outputs in 1-5 to 55 in 1-25 to 70 it ve humido 90% E 2012/19 2014/35/0 230 VAC max. 6 it 5 with co 50 VAC except the control of the control	onnector is: 10 m (32.8 ft) i: 10 m (32.8 ft) iii 20 m (32.8 ft) iii 30 m (32.8 ft) iii 31 m (32.8 ft) iii 4 m (32.8 ft) iii 5 m (32.8 ft) iii 5 m (32.8 ft) iii 6 m (32.8 ft) iii 6 m (32.8 ft) iii 7 m (32.8 ft) iii 7 m (32.8 ft) iii 7 m (32.8 ft) iii 8 m (32.8 ft) iii 10 m (32.8
4 4 5 6 6 6 7 7 8 8	i1 i1 i2 i3 i4 i5	0 30 15	door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose 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 0 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if i2 ≠ -1 and after i2 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 9 = C2t alarm 0 = with contact closed 1 = with contact closed 1 = with contact open		103 104 105 106 N. 107 N. 108 N. 110 N. 111 111 112 113	u5 u6 u7 u9 PAR. Hr0 PAR. He2 PAR. Ho1 Ho2 PAR. Hd1 Hd2 Hd3 Hd4 Hd5	-1.0 5 -5.0 1 DEF. 1 DEF. 0 DEF. 0 0 DEF. h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time DATA-LOGGING (not available in	manual 0 = no	Fixed significant	p to : ade c m pe upply nput ng te tem ng h n sta nity 011/ (EC) upply C (+ VA ir	2,5 n pnne pnne pnne pnne pnne pnne pnne pn	ctor ted le m (3 m (3 rature ture tty f the -159 ted	requesing the for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9	connection (Connection) (Connec	Microtion cables	ogue input al outputs 1-5 to 55 1-25 to 70 tive humio 990% E 2012/19 2014/35/L 230 VAC max. 6 et 15 with cc 50 VAC exception of the control of the control exception of the control of	onnector s: 10 m (32.8 ft) 10 m (32
3 44 4 55 66 67 7 88	i1 i2 i3 i4 i5	0 30 15 0	door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function	1 = compressor		103 104 105 106 N. 107 108 N. 110 111 112 113 114 115 116 N.	U5 U6 U7 U9 PAR. Hr0 PAR. He2 PAR. Ho1 Ho2 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR.	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h- h- h- h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time 3rd daily defrost time 5th daily defrost time 5th daily defrost time 6th daily defrost time DATA-LOGGING (not available in EVJ203, EVJ224 and EVJ225)	manual 0 = no	Fixed significant	p to : ide competer in person	2,5 n ponne ermit y: 10 s: 10 mpe pera umid tus c tus c Regu y 10% asula tthod: se-wi exists ar	ed le m (3 m (requesing the for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9	connection (Connection) (Connec	Micro Anal	po-MaTch coogue input all outputs in 1-5 to 55 in 1-25 to 70 tive humin po 90% E 2012/19 2014/35/0 max. 6 in 15 with co 50 VAC in 20 VA	onnector is: 10 m (32.8 ft) 10 c (from 23 to 131 °F) 10 c (from -13 to 158 °F) 11 dity without condensate 12 JE 13 C (+10% -15%), 50/60 F 14 VA insulated in EVJ201 15 JE 16 c (+10% -15%), 50/60 F 17 JE 18 JE 19 JE 19 JE 10 JE 1
3 4 5 6 7 8 8 9 O	i1 i1 i2 i3 i4 i5	0 30 15 0	door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose 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 0 = with contact closed 1 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if i2 ≠ -1 and after i2 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 9 = C2t alarm 0 = with contact closed 1 = with contact closed 1 = with contact open 0 120 min if i5 = 3 or 7, compressor on delay after alarm reset		103 104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N.	u5 u6 u7 u9 PAR. Hr0 PAR. He2 PAR. Ho1 Ho2 PAR. Hd3 Hd4 Hd5 Hd6 PAR.	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h- h- h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time energy saving time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time 5th daily defrost time DATA-LOGGING (not available in EVJ203, EVJ204, EVJ204, EVJ204 and EVJ225) SD card writing interval in HACCP mode	manual 0 = no	Fixed significant	p to 2 ade competed and possible properties and possib	2,5 nn ponne printity: 10 print	ed le m (3 m (requesing the for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9	connection (Connection) (Connec	Microtion cables	ogue input al outputs	onnector is: 10 m (32.8 ft) 10 m (32.8 ft) C (from 23 to 131 °F) C (from -13 to 158 °F) dity without condensate /EU JE C (+10% -15%), 50/60 F VA insulated in EVJ209 ompressor relay rated 16 econdary lithium battery in EVJ203, EVJ204, EV J225) at 25 °C (77 °F) tery is charged by the levice)
3 4 5 6 7 8 8 9 O	i1 i2 i3 i4 i5 i6 i7	5 0 30 15 0	door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input activation multi-purpose input alarm delay	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 0 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if 12 ≠ -1 and after i2 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 9 = C2t alarm 0 = with contact closed 1 = with contact closed 1 = with contact open 0 120 min if i5 = 3 or 7, compressor on delay after alarm reset 0 15 0 = disabled		103 104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N.	U5 U6 U7 U9 PAR. Hr0 PAR. He2 PAR. Ho1 Ho2 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR.	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h- h- h- h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time 6th daily defrost time DATA-LOGGING (not available in EVJ203, EVJ224 and EVJ225) SD card writing interval in HACCP	manual 0 = no	Fixed significant	p to 2 ade competed and possible properties and possib	2,5 nn conne	ctor ted le m (3 m (3 m (3 rature ture ty f the -15% ted s for t thstate ggory d structure tonon	requesing the for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9	connection (Connection) (Connec	Microtion cables	opue input al outputs in -5 to 55 in -25 to 70 tive humio o 90% E 2012/19 2014/35/U 230 VAC max. 6 et 5 with co 50 VAC et CV rporated s available 124 and EV o s/month. 1 h at 25 or 1 (the batt sly of the derivation of the control of the co	onnector is: 10 m (32.8 ft) 10 m (32.8 ft) C (from 23 to 131 °F) C (from -13 to 158 °F) dity without condensate /EU JE C (+10% -15%), 50/60 F VA insulated in EVJ200 ompressor relay rated 16 econdary lithium battery in EVJ203, EVJ204, EVJ225) at 25 °C (77 °F) C (77 °F) tery is charged by the levice) ITC probes (cabinet probbe)
3 4 5 6 7 8	i1 i2 i3 i4 i5 i6 i7	5 0 30 15 0	door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high	1 = compressor		103 104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N.	U5 U6 U7 U9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 PAR. Sd0 Sd1	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h- h- h- h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time DATA-LOGGING (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) SD card writing interval in HACCP mode SD card writing interval in service mode service mode duration	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes MIN MAX. 0 999 min MIN MAX. 0 23 h 0 24 h MIN MAX. h-= disabled	Fixed significant	p to 2 ade composed property of the composed p	2,5 nn connection conn	ctor ted le m (3 m (3 m (3 rature ture ty f the -15% ted s for t thstal eggry d stru tonon rging	requesing the for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9	connection (connection) connec	Microtion cables	ogue input al outputs in -5 to 55 n -25 to 70 tive humio o 90% E 2012/19 2014/35/L 230 VAC max. 6 et 15 with co 50 VAC et	onnector s: 10 m (32.8 ft) 10 c (from 23 to 131 °F) 10 c (from -13 to 158 °F) 20 dity without condensate 20 JE 21 JE 22 C (+10% -15%), 50/60 F 23 VA insulated in EVJ201 24 ompressor relay rated 16 25 value of the evice of the evic
3 44 55 66 67 7 88 8 9 9 10 11 1 2 2	i1 i1 i2 i3 i4 i5 i5 i6 i7 i8	0 30 15 0 0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input activation multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high pressure alarm door closed consecutive time for	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 0 = with contact closed 1 = with contact closed 1 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if i2 ≠ -1 and after i2 0 = disabled 1 = energy saving 2 = iA alarm 3 = iSd 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 9 = C2t alarm 0 = with contact closed 1 = with contact closed 1 = with contact open 0 120 min if i5 = 3 or 7, compressor on delay after alarm reset 0 15 0 = disabled if i5 = 3 1 999 min		103 104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N. 117 118	U5 U6 U7 U9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. Sd0 Sd1 Sd2 Sd3	-1.0 5 -5.0 1 DEF. 0 DEF. 0 0 DEF. h- h- h- h- h- DEF. 30 1	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time 6th daily defrost time 6th daily defrost time 5th daily defrost time 5th daily defrost time 6th daily defrost time 5th daily defrost time 5th daily defrost time 6th daily defrost ti	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes MIN MAX. 0 999 min MIN MAX. 999 min MIN MAX. h- = disabled	Fixed significant	p to 2 ade composition of the co	2,5 nne ponne ponne y: 10 S: 10 mpe pera umidi tus c 555/C Reggy / 10% asula tthod: se-wi y au y au y y h h h h	ctor ced le m (3 m (3) m (3) rature ture ty f the -159 ted s for t tthstate sory d structure to see a	requesing the formula of the control	connection (connection) connec	Micro Cotton cables	op-MaTch coogue input all outputs in 1-5 to 55 in 1-25 to 70 tive humino 90% E 2012/19 2014/35/0 230 VAC max. 6 in 15 with co 50 VAC in 15 with co 50	onnector is: 10 m (32.8 ft) 10 m (32.8 ft) 10 m (32.8 ft) 10 m (32.8 ft) 10 c (from 23 to 131 °F) 10 c (from -13 to 158 °F) 11 c (from -13 to 158 °F) 12 c (+10% -15%), 50/60 F 13 c (+10% -15%), 50/60 F 14 c (+10% -15%), 50/60 F 15 c (+10% -15%), 50/60 F 16 c (+10% -15%), 50/60 F 17 c (+10% -15%), 50/60 F 18 c (+10% -15%), 50/60 F 18 c (+10% -15%), 50/60 F 19 c (+10% -15%), 50/60 F 10 c (+10% -15%), 50/60 F
3 44 55 66 67 7 88 8 9 9 10 11 1 2 2	i1 i2 i3 i4 i5 i5 i6 i7 i8	5 0 30 15 0 0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input activation multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high pressure alarm	1 = compressor		104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N. 117 118	U5 U6 U7 U9 PAR. Hr0 PAR. He2 PAR. Ho1 Ho2 PAR. Hd3 Hd4 Hd5 Hd6 PAR. Sd0 Sd1 Sd2 Sd3 Sd4	-1.0 5 -5.0 1 DEF. 0 0 DEF. h- h- h- h- h- h- h- h- h- h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time energy saving time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time bATA-LOGGING (not available in EVJ203, EVJ204, EVJ204, EVJ204 and EVJ225) SD card writing interval in HACCP mode SD card writing interval in service mode service mode duration enable critical temperature recording enable cabinet temperature recording	manual 0 = no	Fixed significant	p to 2 ade composition of the co	2,5 nm ponne ponne primit y: 10 s: 1	ctor ced le ced	ngth for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9 f	connection of device	Microction cables	ogue input al outputs al outputs al -5 to 55 al -25 to 75 tive humic bloody 2014/35/0 230 VAC max. 6 al 5 with co 50 VAC exporated s available 124 and EV s/month al to 125 of al the bat ally of the dat all the bat ally of the dat all the bat all	onnector is: 10 m (32.8 ft) 10 c (from 23 to 131 °F) 10 c (from -13 to 158 °F) 11 dity without condensate 12 JE 13 C (+10% -15%), 50/60 F 14 VA insulated in EVJ200 15 compressor relay rated 16 16 c (+10% -15%), 50/60 F 17 c (77 °F) 18 c (77 °F) 19 c (77 °F) 19 c (77 °F) 10 c (77 °F) 10 c (77 °F) 10 c (77 °F)
3 44 55 66 67 7 88 8 9 9 10 11 1 2 2	i1 i2 i3 i4 i5 i5 i6 i7 i8	5 0 30 15 0 0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input activation multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high pressure alarm door closed consecutive time for	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 0 = with contact open -1 120 min -1 = disabled -1 120 min -1 = until the closing 0 = no 1 = yes if i2 ≠ -1 and after i2 0 = disabled 1 = energy saving 2 = iA alarm 3 = iSd alarm 3 = iSd 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 9 = C2t alarm 0 = with contact closed 1 = with contact closed		104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N. 117 118 119 120 121	U5 U6 U7 U9 PAR. Hr0 PAR. He2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. Sd0 Sd1 Sd2 Sd3 Sd4 Sd5 PAR.	-1.0 5 -5.0 1 DEF. 0 DEF. 0 DEF. h- h- h- h- h- DEF. 30 1 1 DEF. 30 0 0 0 1 DEF.	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 3rd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time DATA-LOGGING (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) SD card writing interval in HACCP mode SD card writing interval in service mode service mode duration enable critical temperature recording decimal separator type SAFETIES	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes MIN MAX. 0 999 min MIN MAX. 0 23 h 0 24 h MIN MAX. h = disabled	Fixed significant	p to a decomposition of the composition of the comp	2,5 nm ponne ponne primit y: 10 s: 10 ppera pumidi ttus c 555/C Regul 10% assula tthod: se cate se c	ctor ced le ced le m (3 m (3) rature ture ty f the ced le	ngth for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9 f	connection of the connection o	Microtion cables	op-MaTch coogue input all outputs 5 10 -5 to 55 10 -5 to 55 10 -25 to 70 tive humido 90% E 2012/19 2014/35/U 230 VAC max. 6 15 with co 50 VAC 15 with	connector is: 10 m (32.8 ft) 10 m (32.8 ft) 10 m (32.8 ft) 10 fc (from 23 to 131 °F) 10 °C (from -13 to 158 °F) dity without condensate if (iv) if (
9999911	i1 i1 i2 i3 i4 i5 i6 i7 i8 i9 i10	0 30 15 0 0 0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high pressure alarm door closed consecutive time for energy saving	1 = compressor		104 105 106 N. 107 108 N. 109 110 N. 111 112 113 114 115 116 N. 117 118	U5 U6 U7 U9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. Sd0 Sd1 Sd2 Sd3 Sd4 Sd5 PAR. POF	-1.0 5 -5.0 1 DEF. 0 DEF. 0 DEF. h- h- h- h- h- 0 DEF. 30 1 60 0	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving time energy saving time 2nd daily defrost time 3rd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 5th daily defrost time 0bATA-LOGGING (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) SD card writing interval in HACCP mode SD card writing interval in service mode service mode duration enable critical temperature recording enable cabinet temperature recording decimal separator type SAFETIES enable ON/STAND-BY key enable keypad lock (default 0 in	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes MIN MAX. 0 999 min MIN MAX. 0 23 h 0 24 h MIN MAX. h-= disabled	Fixed significant	p to a decomposition of the composition of the comp	2,5 nm ponne ponne primit y: 10 s: 10 ppera pumidi ttus c 555/C Regul 10% assula tthod: se cate se c	ctor ced le ced	ngth for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9 f	connection of the connection o	Microtion cables	op-MaTch coogue input all outputs 5 10 -5 to 55 10 -5 to 55 10 -25 to 70 tive humido 90% E 2012/19 2014/35/U 230 VAC max. 6 15 with co 50 VAC 15 with	onnector ss: 10 m (32.8 ft) 10 c (from 23 to 131 °F) 10 °C (from -13 to 158 °F) 11 dity without condensate 12 JE 13 C (+10% -15%), 50/60 H 14 VA insulated in EVJ209 15 ompressor relay rated 16 16 econdary lithium battery 16 in EVJ203, EVJ204, EVJ225 16 c (77 °F) 17 c (77 °F) 18 c (77 °F) 19 on 20 25 °C, 77 °F) 19 on 20 25 °C, 77 °F) 10 °C (from -58 to 302 °F) 10 °C (from -58 to 302 °F) 10 °C (from -40 to 221 °F) 15 °C (from -40 to 221 °F)
9999911	i1 i2 i3 i4 i5 i6 i7 i8 i9 i10 i113	0 30 15 0 0 0 240 0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input activation multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high pressure alarm door closed consecutive time for energy saving	1 = compressor	•••	103 104 105 106 N. 107 108 N. 1109 1100 N. 1111 112 113 114 115 116 N. 117 118 119 120 121 N. 121	U5 U6 U7 U9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. Sd0 Sd1 Sd2 Sd3 Sd4 Sd5 PAR. POF	-1.0 5 -5.0 1 DEF. 0 DEF. 0 DEF. h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time DATA-LOGGING (not available in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) SD card writing interval in HACCP mode SD card writing interval in service mode service mode duration enable critical temperature recording enable cabinet temperature recording decimal separator type SAFETIES enable ON/STAND-BY key	manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F 1 120 min -99 99 °C/°F differential = 2 °C/4 °F setpoint + u7 0 = no 1 = yes MIN MAX. 0 = no 1 = yes MIN MAX. 0 999 min MIN MAX. 1 23 h 0 24 h MIN MAX. h-= disabled MIN MAX. 0 = no 1 = yes	Fixed significant	p to 2 dec composition of the co	2.5 nne ponne ponne primit y: 10 s: 100 s: 100 ponne pera pera pera pera ponne pera pera ponne pera pera ponne pera pera ponne pera pera ponne pera pera pera pera pera pera pera per	ctor ced le ced le m (3 m (3 rature ture ty f the -159 ted s for t thespray d structure tonon rging ensor	ngth for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9 f	connect device 2006 0 Hz (ontailed Contailed Power Protect	Micro Cotton cables	po-MaTch coogue input all outputs in 1-5 to 55 in 1-25 to 70 tive humin po 90% E 2012/19 2014/35/0 230 VAC max. 6 in 15 with co 50 VAC except a validable except in 10 the bat by of the drawn of the bat by of the bat by of the drawn of the bat by of the	connector is: 10 m (32.8 ft) 10 m (32.8 ft) 10 (C (from 23 to 131 °F) 10 °C (from -13 to 158 °F) 10 °C (from -13 to 158 °F) 11 C (From -13 to 158 °F) 12 C (+10% -15%), 50/60 H 13 VA insulated in EVJ208 14 C (+10% -15%), 50/60 H 15 VJ203, EVJ204, EVJ204 16 C (77 °F) 17 C (77 °F) 18 C (77 °F) 19 C (77 °F) 19 C (77 °F) 10 °C (from -58 to 302 °F) 10 °C (from -40 to 221 °F) 10 °C (from -40 to 221 °F) 10 °C (T or -40 to 221 °F) 10 °C (T or -40 to 221 °F)
9999911	i1 i2 i3 i4 i5 i6 i7 i8 i9 i10 i113	0 30 15 0 0 0 240 0	door switch input function door switch input activation open door alarm delay regulation inhibition maximum time with door open enable open door alarm recording (not available in the models without clock) multi-purpose input function multi-purpose input activation multi-purpose input alarm delay number of multi-purpose input activations for high pressure alarm reset counter time for high pressure alarm door closed consecutive time for energy saving number of door openings for defrost door open consecutive time for	1 = compressor		104 105 106 N. 107 108 N. 109 110 N. 111 111 112 113 114 115 116 N. 117 118 119 120 121 122 N.	U5 U6 U7 U9 PAR. Hr0 PAR. HE2 PAR. H01 H02 PAR. Hd1 Hd2 Hd3 Hd4 Hd5 Hd6 PAR. Sd0 Sd1 Sd2 Sd3 Sd4 Sd5 PAR. POF	-1.0 5 -5.0 1 DEF. 0 DEF. 0 DEF. h-	enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint) enable alarm buzzer REAL TIME CLOCK enable clock (default 0 in EVJ203, EVJ204, EVJ205, EVJ224 and EVJ225) ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME ENERGY SAVING (if r5 = 0) energy saving maximum duration REAL TIME DEFROST (if d8 = 4) 1st daily defrost time 2nd daily defrost time 3rd daily defrost time 4th daily defrost time 5th daily defrost time 6th daily defrost time 6th daily defrost time 6th daily defrost time 5th daily defrost time 5th daily defrost time 6th daily defrost time	manual 0 = no	Fixed significant	p to 2 dec composed for the composed for	2,5 nm ponne ponne por ponne por ponne por ponne	ctor ced le ced le m (3 m (3 rature ture ty f the -159 ted s for t thespray d structure tonon rging ensor	ngth for 2.8 ft) 2.8 ft) 2.8 ft) 2.8 ft) 2.9 f	device 2006 O Hz (Conta Protect Input digital	Microtion cables	op-MaTch coogue input all outputs all outp	onnector is: 10 m (32.8 ft) 10 c (from 23 to 131 °F) 10 c (from -13 to 158 °F) 11 dity without condensate 12 JE 13 C (+10% -15%), 50/60 H 14 VA insulated in EVJ205 15 ompressor relay rated 16 16 c (+10% -15%), 50/60 H 17 VA insulated in EVJ205 18 c (+10% -15%), 50/60 H 19 C (+10% -15%), 50/60 H 19 C (+10% -15%), 50/60 H 10 C (+10% -15%), 50/60 H

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	SPST, 30 A res. @ 250 VAC in
	EVJ2?5?9??3???
Relay K2	SPDT, 8 A res. @ 250 VAC
Relay K3	SPST, 8 A res. @ 250 VAC
Relay K4 (not available in EVJ203 and EVJ213)	SPST, 3 A res. @ 250 VAC
Relay K5 (not available in EVJ203, EVJ213,	SPST, 3 A res. @ 250 VAC
EVJ204, EVJ214, EVJ214N7VXXRXV, EVJ224 and EVJ234)	
The device guarantees double insulation betw	een each digital output connector and the rest
of the components of the device	
Type 1 or Type 2 Actions	Type 1
Additional features of Type 1 or Type 2	С
actions	
Displays	Custom display, 3 digit, with function icons
Alarm buzzer	Incorporated
Incorporated sensors:	Bluetooth Low Energy (available in
	EVJ214N7VXXRXV, EVJ234 and EVJ235).
Communications ports	
1 TTL MODBUS slave port for EVconnect app,	1 port for SD card data-logger module
EPoCA remote monitoring system or for BMS	EVBD05 (not available in EVJ203, EVJ204,
	1

EVJ205, EVJ224 and EVJ225)

11 SIMPLIFIED EU DECLARATION OF CONFORMITY

EVCO S.p.A. declares that the type of radio equipment:

- EVJ214N7VXXRXV
- EVJ234N7VXRXV
- EVJ235N7VXRXV
- complies with directive 2014/53/EU and directive 2011/65/EU.

The full text of the EU declaration of conformity is available at the following internet address: https://www.evco.it/en/16111-evj-200

> For EVJ214N7VXXRXV, EVJ234 and EVJ235 According to European R&TTE Declaration of Conformity this device can be used in the following Countries: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Norway, Poland Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Netherlands and The United Kingdom.



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

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