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







72.6 (2 7/8)

107.6 (3 15/46)

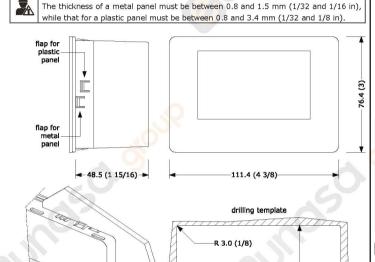
EN ENGLISH

- 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, EPoCA remote monitoring system or for
- 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)

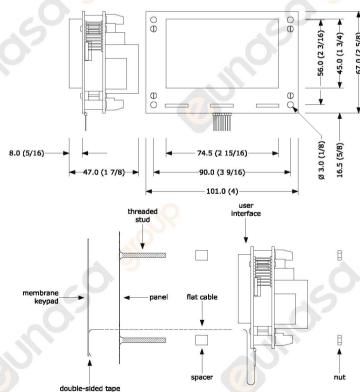
Models in plastic container

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.

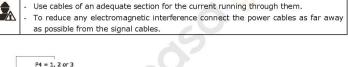


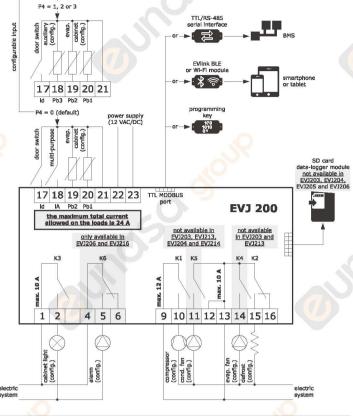
INSTALLATION PRECAUTIONS

- Ensure that the working conditions are within the limits stated in the TECHNICAL
- 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

N.B





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.

Disconnect the device from the mains.

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

FIRST-TIME USE

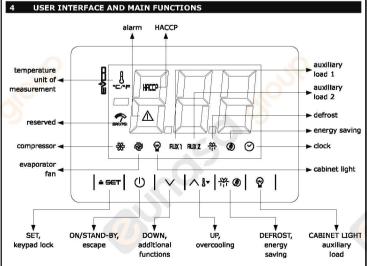
- Install following the instructions given in the section MEASUREMENTS AND INSTALLATION.
- Power up the device and an internal test will be run.
- The test normally takes a few seconds, when it is finished the display will switch off. Configure the device as shown in the section Setting configuration parameters. Recommended configuration parameters for first-time use.

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

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

- 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 EPoCA remote monitoring system, connect the EVIF25TWX module, 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.



Switching the device on and off

0 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);

if the dis	splay shows an alarm cod	e, see the section ALARM	S.
LED	ON	OFF	FLASHING
*	compressor on	compressor off	- compressor protection active - setpoint being set
@	evaporator fan on	evaporator fan off	evaporator fan stop active
<u>ଜ</u>	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
(1)	- energy saving active - low consumption active	=	-

0	view time	10/1/	set date, time and day of the current week
·E/F	view temperature	3	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 being pressed, the display will show the " \mathbf{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.		Touch the SET key.
2.	√	Touch the UP or DOWN key within 15s to set the value within the limits $r1$ and $r2$ (default "-40 50")
3	Lager I	Touch the SET key (or do not operate for 15c)

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

1. 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.

ADDITIONAL FUNCTIONS

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

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

Touch the DOWN key for 1s.

Check that the keypad is not locked.

Touch the DEFROST key. 带⑩

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.	V	<u> </u>	Touch the UP or DOWN key within 15s to select the label "rH".
3.	=	SET P	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).
	LAB.	DESCRIPTION	ON
	rhL	THE COLORS AND ADDRESS OF THE PARTY.	ry function (evaporator fan with F17 and F18 if the compressor is a compressor is on)
	rhH	high humidi	ty function (evaporator fan on)
1	1 :		Touch the ON/STAND-BY key (or do not operate for 60s) to exit

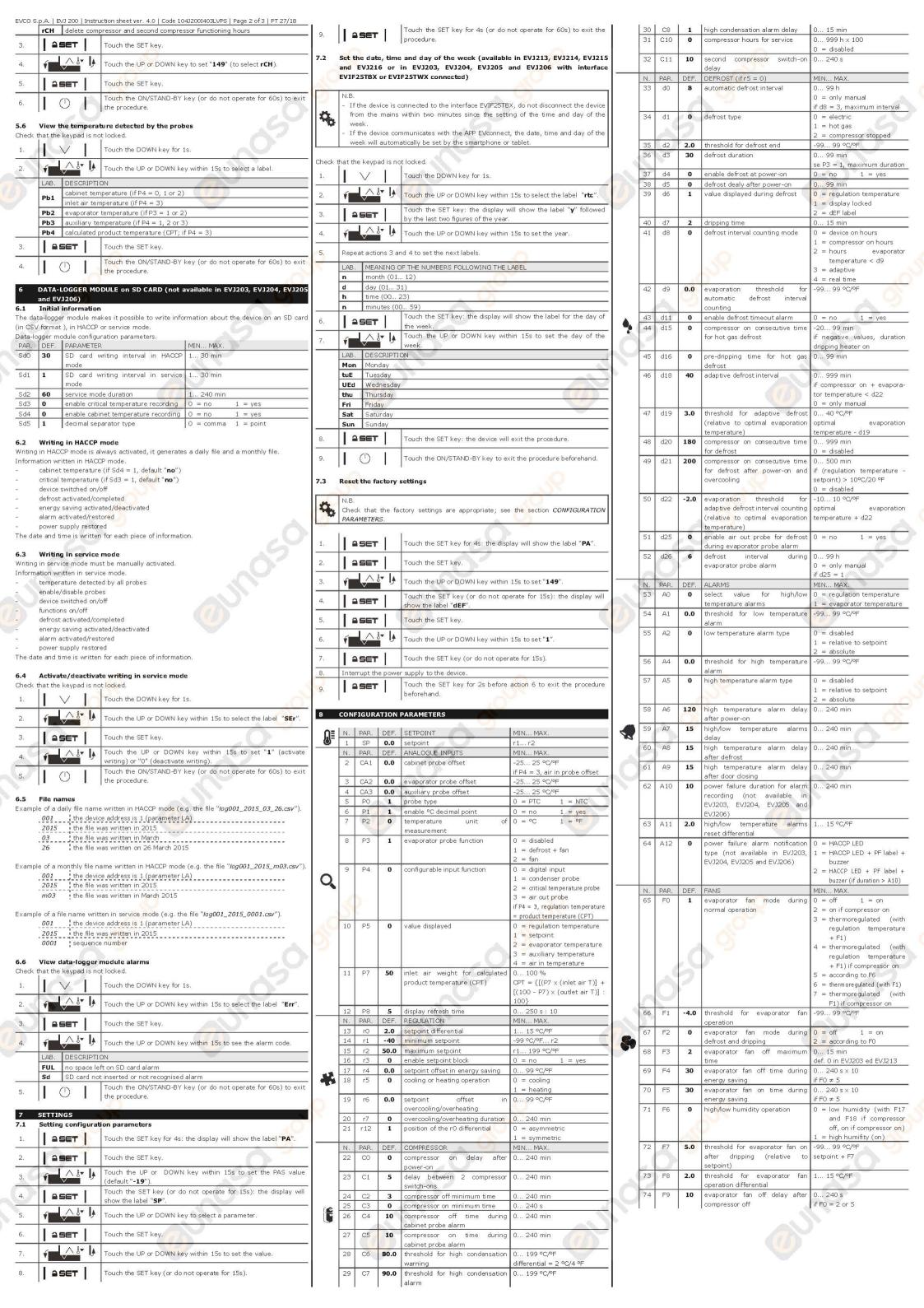
View/delete HACCP alarm information (not available in EVJ203, EVJ204, EVJ205 and EVJ206)

•		EVJ20:	and EVJ20	16)
	Check t	hat the	keypad is no	pt locked.
	1.	\	✓ I	Touch the DOWN key for 1s.
	2.	4	<u> </u>	Touch the UP or DOWN key within 15s to select a label.
		LAB.	DESCRIPTION	ON
		LS	view HACCI	alarm information
		rLS	delete HAC	CP alarm information
	3.	25	5€ Τ	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").
g	-	COD.	DESCRIPTION	ON
-		AL	low temper	ature alarm
		АН	high tempe	rature alarm
		id	open door a	alarm (if i4 = 1)
		PF	Treatment	re alarm (available in EVJ213, EVJ214, EVJ215 and EVJ216 or in J204, EVJ205 and EVJ206 with interface EVJF25TBX connected)
	5.	1 25	5∈ Τ	Touch the SET key.
P	6	1 /	T) I	Touch the ON/STAND-BY key (or do not operate for 60s) to exit

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

8.0		critical value (calculated cabinet/product temperature)
	[7	, was 8.0 °C/°F le in EVJ213, EVJ214, EVJ215 and EVJ216 or in EVJ203,
Sta	Committee of the Commit	EVJ205 and EVJ206 with interface EVIF25TBX connected)
		alarm signalled in 2015
	n03	alarm signalled in March
	d26	alarm signalled on 26 March 2015
	h16	alarm signalled at 16:00
	n30	alarm signalled at 16:30
dur		
Call	h01	alarm lasted 1h
	n15	alarm lasted 1h 15min

3.3		aciete comp	reason functioning nours
Check t	hat the	keypad is no	t 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	ON
	CH1	view compr	essor functioning hundreds of hours
	CH2	view second	d compressor functioning hundreds of hours (if u1c u6c = 1)



EVCO S.			September 19 construction	iction sheet ver. 4.0 Code 104J200I40	3LVPS Page 3 of 3 PT 27/18 0 = thermoregulated (with F11)	ī	l 07		3	l	·
	75	F10	1	condenser fan mode	1 = thermoregulated (with F11) if compressor off,		97	u5c	3		(5 config in EVJ2 and EVJ214
				- 16	on if compressor on		4	2		L V J Z O 4 6	IIIG EVJ214
				AO	2 = thermoregulated (with F11) if compressor off,	AO					
			۸	0	on if compressor on, off during defrost, pre-	9					
	76	F11	15.0	threshold for condenser fan on	dripping and dripping 0 99 °C/°F						
	77	F12	30	condenser fan off delay after	differential = 2 °C/4 °F 0 240 s						
./	78	F17	60	compressor off evaporator fan off time with low	if P4 ≠ 1 0 240 s						~
	79	F18	10	humidity evaporator fan on time with low	0 240 s		98	ибс	11	19	6 configu in EVJ206
\sim	N.	PAR.	DEF.	humidity DIGITAL INPUTS	MIN MAX.					7	
	80	iO	5	door switch input function	0 = disabled 1 = compressor +					9	
					evaporator fan off 2 = evaporator fan off						
					3 = cabinet light on						
				.0	4 = compressor + evaporator fan off,	0					
			Jó	O.	cabinet light on 5 = evaporator fan off +						
	81	i1	0	door switch input activation	cabinet light on 0 = with contact closed		99	u2	0	Christman Street	abinet ligh
	82	12	30	open door alarm delay	1 = with contact open -1 120 min		100	u4	1	enable a	load in sta larm outpu
,6	83	i3	15	regulation inhibition maximum	-1 = disabled -1 120 min		101	u5	-1.0	the buzze	er I for door h
)·	84	i4	0	time with door open enable open door alarm	-1 = until the closing 0 = no		102	и6	5	demistin	g on durati
			****	recording (not available in the models without clock)	if i2 ≠ -1 and after i2		103	u7	-5.0	neutral heating (zone the relative to
	85	i5	8	multi-purpose input function	0 = disabled 1 = energy saving		104	u9	1	enable al	arm buzze
st.					2 = iA alarm 3 = iSd alarm	_	N. 105	PAR. Hr0	DEF.	The management	ME CLOCK dlock (d
1					4 = button-operated load 1 on 5 = button-operated load 2 on	Θ					EVJ204,
					6 = device on/off 7 = LP alarm	*	N. 106	PAR. HE2	DEF.	ENERGY	SAVING (if
					8 = Cit alarm		N.	PAR.	DEF.	REAL TI	aving maxi ME ENERG
	86	i6	0	multi-purpose input activation	9 = C2t alarm 0 = with contact closed	••	107	H01	0	r5 = 0) energy s	aving time
	87	i7	0	multi-purpose input alarm delay	1 = with contact open 0.,, 120 min	-	108 N.	H02 PAR.	DEF.		aving maxi ⁄IE DEFROS
				AY .	if i5 = 3, 8 or 9, compressor on delay after alarm reset		109 110	Hd1 Hd2	h- h-	1	defrost tim defrost tir
	88	i8	0	number of multi-purpose input activations for high pressure	0 15 0 = disabled	40	111 112	Hd3 Hd4	h- h-		defrost tin
	89	i9	240	alarm reset counter time for high	if i5 = 3 1 999 min		113	Hd5 Hd6	h- h-	5th daily	defrost tin
	90	i10	0	pressure alarm door closed consecutive time for	0 999 min	17	N.	PAR.	DEF.	DATA-LO	GGING (n
4			ave	energy saving	after regulation temperature					EVJ206)	EVJ204,
V	91	i13	180	number of door openings for	0 = disabled 0 240		115	SdO	30	mode	writing inte
"	92	i14	32	defrost door open consecutive time for	0 = disabled 0 240 min		116	Sd1	1 (service n	
	N.	PAR.	DEF.	defrost DIGITAL OUTPUTS	0 = disabled MIN MAX.		117	Sd2 Sd3	0	enable	node durati critical
	93	u1c	0	relay K1 configuration	0 = first compressor 1 = second compressor		119	Sd4	0	recording enable	cabinet
				.0	2 = evaporator fan 3 = condenser fan		120	Sd5	1		separator t
				24	4 = defrost 5 = cabinet light	1	N. 121	PAR. POF	DEF.	SAFETIE: enable O	S N/STAND-I
		(7		6 = demisting 7 = door heaters		122	Loc	1	Statement No.	eypad lock els with op
		>			8 = heater for neutral zone 9 = dripping heater	0	123	PAS	-19	interface password	
.0	7				10= button-operated load 1 11= button-operated load 2		124 125	PA1 PA2	426 824	level 1 p	100
)					12= alarm 13= on/stand-by		N. 126	PAR. rEO	DEF.	DATA-LO	GGING EVI
	94	u2c	4	relay K2 configuration	0 = first compressor 1 = second compressor		127	rE1	4		temperatu
					2 = evaporator fan 3 = condenser fan	ത്രദ		1		2	
					4 = defrost 5 = cabinet light	£5 	N.	PAR.	DEF.	MODBUS	>
					6 = demisting 7 = door heaters		128	LA Lb	247	MODBUS	address
					8 = heater for neutral zone 9 = dripping heater	Id	129	LD	2	MODBOS	baud rate
					10= button-operated load 1			78500	10.00	2	
4				.0	11= button-operated load 2 12= alarm		130	LP	2	parity	
7	95	иЗс	5	relay K3 configuration	13= on/stand-by 0 = first compressor	*	N. 131	PAR. ble	DEF.	BLUETOC enable B	
				0	1 = second compressor 2 = evaporator fan	9	ALAF	MS			
			0	. ~	3 = condenser fan 4 = defrost	COD.	DES	CRIPTI	ON		RESET
		, C)		5 = cabinet light 6 = demisting	Pr1 Pr2	_		be alarr probe a		automatic
		D)·			7 = door heaters 8 = heater for neutral zone	Pr3		liary pr < alarm	obe alar	m	automati manual
14					9 = dripping heater 10= button-operated load 1	AL	low	temper	ature al		automatic
V					11= button-operated load 2 12= alarm	id	oper	n door a			automatic
	96	u4c	2	relay K4 configuration (not	13= on/stand-by 0 = first compressor	PF			re alarm		manual
		***************************************	-0.00	available in EVJ203 and EVJ213)	1 = second compressor 2 = evaporator fan	CSd			nsation nsation	warning alarm	automati manual
					3 = condenser fan 4 = defrost	iA			se inpu		automatic
				.0	5 = cabinet light 6 = demisting	iSd	high	pressu	re alarr	n	manual
			٥	35	7 = door heaters 8 = heater for neutral zone	LP	low	pressur	e alarm		automati
	5	(9 = dripping heater 10= button-operate <mark>d load</mark> 1	C1t	com aları		therm	al switch	automati
		>			11= button-operated load 2 12= alarm	C2t		ond cor ch alari		r thermal	automati
26			Į,	l	13= on/stand-by	dFd	defr	ost time	eout ala	rm	manual
						FUL	SD	card ful	l alarm	AC	manual
						Sd	10		- 6	d alarm	manual
						1 1 1 1		100	CHEC	FT.C. TT.O.	

	97	u5c	3	relay k	(5 configuration in EVJ203, configuration in EVZ04, co		0 = first compressor 1 = second compressor
	3)			and EVJ214)		2 = evaporator fan 3 = conde <mark>nser</mark> 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
		200400	100				13= on/stand-by
	98	ибс	11	199	6 configuratio in EVJ206 and I		0 = first compressor 1 = second compressor
							2 = evaporator fan 3 = condenser fan
			1	3			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
						40	12= alarm 13= on/stand-by
	99	u2	0	company and property	abinet light and lload in stand-b		0 = no 1 = yes , manual
	100	u4	1	enable a	larm output off	9 0. 317	0 = no 1 = yes
	101	u5	-1.0	the buzz	er d for door heater	rs on	-99 99 °C/°F
	102	u6	5	demistin	g on duration		differential = 2 °C/4 °F 1 120 min
	103	u6 u7	-5.0	neutral	zone thresh		-99 99 °C/°F
		- 20	4	heating (relative to setpo	oint)	differential = 2 °C/4 °F setpoint + u7
	104 N	u9 PAR.	1 DEE		arm buzzer		0 = no 1 = yes
Э	N. 105	Hr0	DEF.	enable	ME CLOCK clock (default		0 = no 1 = yes
				EVJ203, EVJ206)	EVJ204, EVJ2	205 and	
A)	N.	PAR.	DEF.	ENERGY	SAVING (if r5 =		MIN MAX.
5000	106 N.	PAR.	DEF.	REAL TI	aving maximum ME ENERGY SA	33 SULT IN SECTION 1	0 999 min MIN, MAX.
Φ	107	H01	0	r5 = 0) energy s	aving time		0 23 h
1277	108	H02	0	energy s	aving maximum		0 24 h
	N. 109	PAR. Hd1	DEF.		VIE DEFROST (if a defrost time	d8 = 4)	MIN MAX. h-= disabled
O	110 111	Hd2 Hd3	h- h-		defrost time defrost time	-	h-= disabled h-= disabled
	112	Hd4	h-	4th daily	defrost time		h-= disabled
	113 114	Hd5 Hd6	h- h-	-	defrost time defrost time		h-= disabled h-= disabled
	N.	PAR.	DEF.	DATA-LC	GGING (not av		TOTAL SHIP CANCILATION
	115	Sd0	30	EVJ203, EVJ206)	EVJ204, EVJ2 writing interval i		1 30 min
				mode			SUPPLES ON CONTROL OF THE SUPPLES
	116	Sd1	1 (SD car service n	The second second second	erval in	1 30 min
	117 118	Sd2 Sd3	60	service n	node duration critical tem	perature	1 240 min 0 = no 1 = yes
				recording	j		
	119	Sd4	0	enable recording	j .	nperature	0 = no 1 = yes
	120 N.	Sd5 PAR.	DEF.	decimal s	separator type S		0 = comma 1 = point MIN MAX.
	121	POF	1	7773 07	N/STAND-BY ke	MINISTER STATE OF	0 = no 1 = yes
'n	122	Loc	1	Charles Annual Library	eypad lock (def els with open-fra		0 = no 1 = yes
V	123	PAS	-19	interface passwore			-99 999
	124	PA1	426	level 1 p	assword		-99 999
	125 N.	PA2 PAR.	B24 DEF.	level 2 p	assword GGING EVLINK		-99 999 MIN MAX.
	126 127	rEO rE1	60 4	data-log	ger sampling inte	erval	0 240 min 0 = none 1 = cabinet
OG	12/	10011	100	recorded	temperature		2 = evaporator
_		1	A	1			3 = auxiliary 4 = cabinet and evaporator
	N.	PAR.	DEF.	MODBUS			5 = all MIN MAX.
	128	LA	247	MODBUS	address		1 247
el l	129	Lb	2	MODBUS	baud rate		0 = 2,400 baud 1 = 4,800 baud
ld							2 = 9,600 baud
	130	LP	2	parity			3 = 19,200 baud 0 = none 1 = odd
<u>.</u>	N.	PAR.	DEF.	BLUETO	OTH		2 = even MIN MAX.
*	131	bLE	1	enable B	U 100 100 L		0 = no 1 = yes
	ALAF	MS					C)
D.	DES	CRIPTI	ON		RESET	то сов	RECT
1	cabi	net pro	be alarr		automatic	- chec	k P0
3	-		probe a obe ala		automatic automatic		k probe integrity k electrical connection
:	cloc	< alarm			manual	set date	e, time and day of the week
1	high	tempe	ature al rature a		automatic automatic	check A	4 and A5
		n door a er failu	alarm re alarm		automatic manual	check it	D and i1
	4					- chec	k electrical connection
OH Sd			nsation nsation	warning alarm	automatic manual	- swite	ch the device off and on
-1100			se inpu		automatic	- chec	k C7 5 and i6
d			re alarr		manual	- switc	th the device off and on
)	low	pressur	e alarm		automatic		k i5, i6, i8, i9 5 and i6
Lt			therm	al switch	automatic	check is	5 and i6
2t	alar		npresso	r thermal	automatic	check i	5 and i6
		ch aları	200				

Maximum permitted length for connection cables Power supply: 10 m (32.8 ft)	(43/8 x 3 x 1 15/16 in) dels 101.0 x 67.0 x 47.0 n (4 x 2 5/8 x 1 7/8 in) container To be fitted to a panel, welastic holding flaps dels To be installed from behir with threaded studs a membrane keypad (in provided) container 1P65 (front), on condition in device is fitted to a membrane with thickness 0.8 n (1/32 in) dels 1P00 5 mm² (removable screw terminal blocks) Micro-MaTch connector s Analogue inputs: 10 m (32.8 ft) Digital outputs: 10 m (32.8 ft) From -5 to 55 °C (from 23 to 131 °F) From -25 to 70 °C (from -13 to 158 °F) Relative humidity without condensate from 10 to 90% 2
Mounting methods for the control device Degree of protection provided by the covering Open-frame mode of the covering open open open open open open open open	dels
Mounting methods for the control device Degree of protection provided by the covering Open-frame mode of the control device of a power supply EMC 2014/30/UE EMC 2014/30/UE Power supply 12 VAC (+10% -15%), 50/60 Hz (±3 Hz), max. 4 VA insulated Earthing methods for the control device over one clock of the control device over over over over over over over ove	dels
Mounting methods for the control device Open-frame mode of the control device of the co	(4 x 2 5/8 x 1 7/8 in) To be fitted to a panel, we elastic holding flaps dels To be installed from behir with threaded studs a membrane keypad (in provided) container IP65 (front), on condition in device is fitted to a mempanel with thickness 0.8 in (1/32 in) dels IP00 5 mm² (removable screw terminal blocks) Micro-MaTch connector s Analogue inputs: 10 m (32.8 ft) From -5 to 55 °C (from 23 to 131 °F) From -25 to 70 °C (from -13 to 158 °F) Relative humidity without condensate from 10 to 90% 2 EU REACH (EC) Regulation 1907/2006 LVD 2014/35/UE 12 VDC (+10% -15%), max. 3.5 W insulated None 4 KV III A Incorporated secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205 and a membrane in the secondary lithium battery (clonot available in EVJ203, EVJ204, EVJ205, EVJ205, EVJ205, EVJ204, EVJ205,
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Clock drift school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power supply clock battery charging time school and the absence of a power scho	
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Clock drift Clock battery autonomy in the absence of a power supply Clock battery charging time	L was JUI
Clock battery autonomy in the absence of a power supply Clock battery charging time	≤ 60 s/month at 25 °C (77 °F)
power supply Clock battery charging time	> 24 h at 25 °C (77 °F)
Clock battery charging time	> 24 at 25 -C (// -F)
	549 SAFAY ALARA MAI MICKE PAR 304 MIC NO DOGS
S	24 h (the battery is charged by the pov
	supply of the device)
Analogue inputs	2 for PTC or NTC probes (cabinet probe a
	evaporator probe)
PTC probes Sensor type	KTY 81-121 (990 Ω @ 25 °C, 77 °F)
	From -50 to 150 °C (from -58 to 302 °F)
	0.1 °C (1 °F)
	B3435 (10 K□Ω @ 25 °C, 77 °F)
Measurement field F	From -40 to 105 °C (from -40 to 221 °F)
Resolution	0.1 °C (1 °F)
Digital inputs	1 dry contact (door switch)
Dry contact Contact type	5 VDC, 2 mA
Power supply	None
	None
Protection Other inputs Input configuration	
	ble for analogue input (auxiliary probe)
	ulti-purpose input)
	and EVJ215, 4 for EVJ204 and EVJ214, 3
A CONTRACTOR OF THE PROPERTY O	213) with electro-mechanical relay
The maximum	total current allowed on the loads
24 A	
Relay K1	SPST, 16 A res. @ 250 VAC
	SPST, 30 A res. @ 250 VAC in
	EVJ2?5?2??3??? and EVJ2?6?2??3???
	SPDT, 8 A res. @ 250 VAC
	ATTACA CANADA CA
The second secon	SPST, 16 A res. @ 250 VAC
and the second s	SPST, 8 A res. @ 250 VAC
EVJ213)	COMPANIE HANNAM WAS INCOME.
	SPST, 3 A res. @ 250 VAC
EVJ204 and EVJ214)	
Relay K6 (only available in EVJ206 and S	SPDT, 8 A res. @ 250 VAC
EVJ216)	The state of the s
The device guarantees double insulation between	en each digital output connector and the re
of the components of the device	
	Toward
	Type 1
THE PROPERTY OF THE PROPERTY O	С
actions	
Displays	Custom display, 3 digit, with function icons
	Incorporated
Communications ports	
	1 port for SD pard data leases
	1 port for SD card data-logger mod EVBD05 (not available in EVJ203, EVJ20
EPoCA remote monitoring system or for BMS	CALADADA TITUL AVAILABLE TO EXCENSE EXCEN
I e	EVJ205 and EVJ206)



touch a key

replace it

Function controller

check d2, d3 and d11

Built-in electronic device stic container Black, self-extinguishing

Open-frame board

insert the SD card or replace it

free up space on the SD card or

Models in plastic container Open-frame models

10 TECHNICAL SPECIFICATIONS

Purpose of the control device

Construction of the control device
Container Mo

N.B.

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

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