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



auxiliary

auxiliary load 2

► clock

DEFROST,

energy

cabinet light

auxiliary



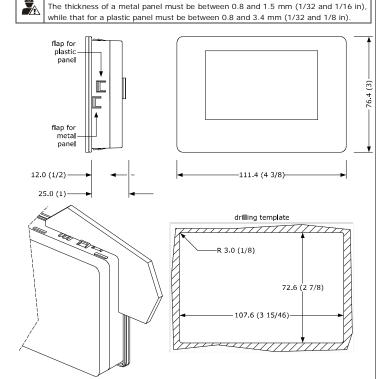


- Controllers for low temperature units.
- Power supply 115... 230 VAC.
- Incorporated clock (according to the model)
- Cabinet probe and evaporator probe (PTC/NTC)
- Door switch input.
- Compressor relay 30 A res. @ 250VAC
- Alarm buzzer
- TTL MODBUS slave port for EVconnect app, EPoCA remote monitoring system or for BMS.
- Port for SD card data-logger module EVBD05 (according to the model)
- Direct connection to the load.
- User interface in plastic container or open-frame (according to the model)

MEASUREMENTS AND INSTALLATION | Measurements in mm (inches)

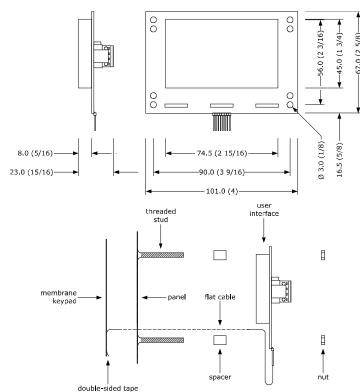
1.1 User interface in plastic container

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



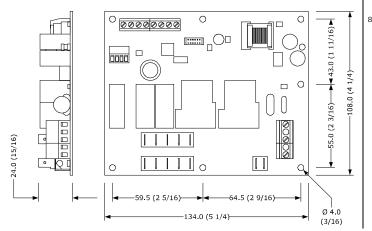
1.2 Open-frame user interface

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



1.3 Control module

To be installed on an electrical switchboard, on spacers (not provided)

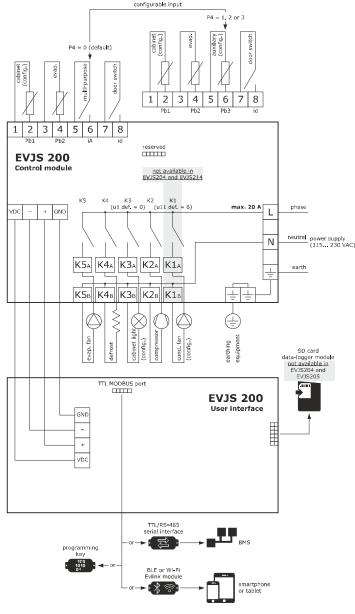


INSTALLATION PRECAUTIONS

- Do not install the device close to heat sources, equipment with a strong magnetic field, or shocks.
- Any metal parts close to the control module must be far enough away so as not to compromise the safety distance

ELECTRICAL CONNECTION

Use cables of an adequate section for the current running through them To reduce any electromagnetic interference connect the power cables as far away as possible from the signal cables.



PRECAUTIONS FOR ELECTRICAL CONNECTION

- If using an electrical or pneumatic screwdriver, adjust the tightening torque
- If the device has been moved from a cold to a warm place, the humidity may have caused condensat, to form inside. Wait about an hour before switching on the 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

- Install following the instructions given in the section MEASUREMENTS AND INSTALLATION.
- Connect the user interface to the control module as shown in the section ELECTRICAL
- CONNECTION without powering up the device.
 - 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

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

CONFIGURATION PARAMETERS

- Disconnect the device from the mains.
- Make the electrical connection as shown in the section ELECTRICAL CONNECTION without powering up the device.
 - For the connection in an RS-485 network connect the interface EVIF22TSX or ${\rm EVIF23TSX,\ to\ activate\ real\ time\ functions\ in\ EVJS204\ and\ EVJS205\ connect\ the\ module}$ 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 (EVIink); see the relevant instruction sheets. $\underline{\text{If EVIF22TSX or}}$

EVIF23TSX is used, set parameter bLE to 0.

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

Switching the device on and off

4 USER INTERFACE AND MAIN FUNCTIONS

unit of

evaporator

keypad lock

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

AUX1 AUX2 🕆 🐠

overcooling

DOWN,

additional

≟ SET (I)

If the de	vice is switched on, the o	lisplay will show the P5 v	alue ("cabinet temperature" default);
if the dis	play shows an alarm code	e, see the section ALARM	S.
LED	ON	OFF	FLASHING
*	compressor on	compressor off	- compressor protection active
727			- 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
	auxiliary function 1 on	auxiliary function 1 off	- auxiliary function 1 on by digital
AUX 1			input
			- auxiliary function 1 delay active
	auxiliary function 2 on	auxiliary function 2 off	- auxiliary function 2 on by digital
AUX 2			input
			- auxiliary function 2 delay active
*	defrost or pre-drip	-	- defrost delay active
	active		- dripping active
	- energy saving active	-	-
(D)	 low consumption active 		
\odot	view time	-	set date, time and day of the
\bigcirc			current week
°⊑/° F	view temperature	-	quick cooling active
НАССР	saved HACCP alarm	-	new HACCP alarm saved
$\overline{\mathbb{A}}$	alarm active	-	-

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

4.2 Unlock keypad

Touch a key for 1s: the display will show the label "UnL"

Set the setpoint (if r3 = 0, default) Check that the keypad isn't locked

Touch the UP or DOWN key within 15s to set the value within the

limits r1 and r2 (default "-40... 50") 3. **a** set Touch the SET key (or do not operate for 15s).

Activate manual defrost

Check that the keypad isn't locked and that quick cooling isn't active

0 Touch the DEFROST key for 2s.

= 1 (default), defrost is activated provided that the evaporator temperature is lower than

4.5 Cabinet light on/off (if u1 or u11 = 0, default)

Touch the CABINET LIGHT key

Button-operated load on/off (if u1 or u11 = 2)

Touch the CABINET LIGHT key (for 2s if u1 or u11 = 0=).

If u1 or u11 = 1, the **demisting** switch on for the u6 duration

Silence buzzer (if u9 = 1, default)

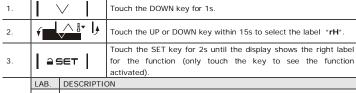
If u1 or u11 = 3 and u4 = 1, the alarm output is deactivated.

5	ADDITIONAL FUNC	TIONS
5.1	Activate/deactivate	e overcooling
		locked and that defrosting isn't active.
1.		Touch the UP key for 2s.
The set	tpoint becomes "setp	pint - r6", for the r7 duration.

Activate/deactivate energy saving in manual mode Check that the keypad isn't locked.

₩ 🐠 Touch the DEFROST key.

Activate the high or low humidity functions (if F0 = 5) 5.3 Check that the keypad isn't locked



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

Check t	hat the keypad isn't	locked.
1.		Touch the DOWN key for 1s.
2.	√	Touch the UP or DOWN key within 15s to select a label.

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

low humidity function (evaporator fan with F17 and F18 if the compressor is

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

1.	\	✓	Touch the DOWN key for 1s.
2.	f	<u> </u>	Touch the UP or DOWN key within 15s to select a label.
	LAB.	DESCRIPTION	ON
	LS	view HACCF	alarm information

rLS delete HACCP alarm information

EVCO S.p.A. EVJS 200 Instruction sheet ver. 1.1 Code 104JS200I113 Page 2 of 3 PT 46/16	LEvamo	ole of a fil	le name writ	tten in service mode (e.g. the file "	log001 2015 0001 csv*\	ı	l 10	P5	Ιο	value displayed	0 = regulation temperature
3. Touch the SET key.	Examp	001	the devi	ce address is 1 (parameter LA)			10	5		value displayed	1 = setpoint 2 = evaporator temperature
4. Touch the UP or DOWN key to select an alarm code (to select label "LS") or to set "149" (to select label "rLS").		0001	sequenc	was written in 2015 e number							3 = auxiliary temperature 4 = air in temperature
COD. DESCRIPTION				module alarms			11	P7	50	inlet air weight for calculated	0 100 %
AL low temperature alarm AH high temperature alarm	Check	that the	keypad isn't	t locked. Touch the DOWN key for 1s.						product temperature (CPT)	CPT = { [(P7 x (inlet air T)] + [(100 - P7) x (outlet air T)] :
id open door alarm (if i4 = 1) PF power failure alarm (available in EVJS214 and EVJS215 or in EVJS204 and	2.	<u></u>	<u> </u>	Touch the UP or DOWN key with	in 15s to select the lahel "Frr"		12	P8	5	display refresh time	100} 0 250 s : 10
EVJS205 with interface EVIF25TBX connected)	-	1 0 5	· I		III 133 to select the laber LTT .		N. 13	PAR.	DEF. 2.0	REGULATION setpoint differential	MIN MAX. 1 15 °C/°F
5. Touch the SET key. Touch the ON/STAND-BY key (or do not operate for 60s) to exit	3.		<u> </u>	Touch the SET key.			14 15	r1 r2	_	minimum setpoint maximum setpoint	-99 °C/°F r2 r1 199 °C/°F
the procedure.	4.	<u> </u>	DESCRIPTI	Touch the UP or DOWN key with	in 15s to see the alarm code.	*	16	r3 r4	0.0	enable setpoint block setpoint offset in energy saving	0 = no 1 = yes 0 99 °C/°F
Example of alarm information (e.g. a high temperature alarm).		FUL	no space le	eft on SD card alarm			18	r6	0.0	setpoint offset in overcooling	0 99 °C/°F
8.0 critical value (calculated cabinet/product temperature)	5.	Sd	SD card no	* .	or do not operate for 60s) to exit		19 20	r7 r12	1	overcooling duration position of the r0 differential	0 240 min 0 = asymmetric
was 8.0 °C/°F Sta (available in EVJS214 and EVJS215 or in EVJS204 and EVJS205 with		\	<i>→</i> 1	the procedure.							1 = symmetric
interface EVIF25TBX connected) y15 alarm signalled in 2015	7 7.1	Setting		tion parameters			N. 21	PAR.	DEF.	COMPRESSOR compressor on delay after	MIN MAX.
n03 alarm signalled in March	1.	25	SET	Touch the SET key for 4s: the di	splay will show the label "PA".		22			power-on delay between 2 compressor	
d26 alarm signalled on 26 March 2015 h16 alarm signalled at 16:00	2.	1 25	SET	Touch the SET key.				C1	5	switch-ons	
n30 alarm signalled at 16:30 dur	3.	·	<u> </u>	,	within 15s to set the PAS value		23 24	C2 C3	3 0	compressor off minimum time compressor on minimum time	0 240 min 0 240 s
h01 alarm lasted 1h n15 alarm lasted 1h 15min	4.	1 25	SET	(default "-19"). Touch the SET key (or do not of	operate for 15s): the display will		25	C4	10	compressor off time during cabinet probe alarm	0 240 min
5.5 View/delete compressor functioning hours		+'	<u> </u>	show the label "SP".			26	C5	10	compressor on time during cabinet probe alarm	0 240 min
Check that the keypad isn't locked.	5.	†	/ ` ' '	Touch the UP or DOWN key to se	elect a parameter.		27	C6	80.0	threshold for high condensation	
1. Touch the DOWN key for 1s.	6.	<u> '</u>	SET	Touch the SET key.			28	C7	90.0	warning threshold for high condensation	differential = 2 °C/4 °F 0 199 °C/°F
2. Touch the UP or DOWN key within 15s to select a label.	7.	f	<u> </u>	Touch the UP or DOWN key with	in 15s to set the value.		29	C8	1	alarm high condensation alarm delay	0 15 min
LAB. DESCRIPTION CH1 view compressor functioning hundreds of hours	8.	25	SET	Touch the SET key (or do not op	erate for 15s).		30	C10	0	compressor hours for service	0 999 h x 100 0 = disabled
CH2 view second compressor functioning hundreds of hours (if u1 oru11 = 7)	9.	25	SET	Touch the SET key for 4s (or do procedure.	o not operate for 60s) to exit the		31	C11	10	second compressor switch-on	
rCH delete compressor and second compressor functioning hours 3. a SET Touch the SET key.	7.2	Set the	date time		ole in EVJS214 and EVJS215 or		N.	PAR.	DEF.	delay DEFROST	MIN MAX.
	7.2			VJS205 with interface EVIF25T			32	d0	8	automatic defrost interval	0 99 h 0 = only manual
1. Todan the of or bown key to set 147 (to select fort).		N.B.					33	d1	0	defrost type	if d8 = 3, maximum interval 0 = electric
5. Touch the SET key. Touch the ON/STAND-BY key (or do not operate for 60s) to exit	o _o			connected to the interface EVIF257 within two minutes since the se					_		1 = hot gas 2 = compressor stopped
6. I the procedure.	70			mmunicates with the APP EVconne	ect, the date, time and day of the		34			threshold for defrost end	-99 99 °C/°F
5.6 View the temperature detected by the probes		1		natically be set by the smartphone	-		35	d3	30	defrost duration	0 99 min se P3 = 1, maximum duration
Check that the keypad isn't locked. 1. Touch the DOWN key for 1s.	Check	that the	keypad isn't	t locked.			36 37	d4 d5	0	enable defrost at power-on defrost dealy after power-on	0 = no 1 = yes 0 99 min
	1.	\	✓ <u> </u>	Touch the DOWN key for 1s.			38	d6	1	value displayed during defrost	0 = regulation temperature 1 = display locked
2. Touch the UP or DOWN key within 15s to select a label. LAB. DESCRIPTION	2.	₹	<u> </u>	Touch the UP or DOWN key with	in 15s to select the label "rtc".		20	-17		detector Atom	2 = dEF label
Pb1 cabinet temperature (if P4 = 0, 1 or 2)	3.	2 =	SET	Touch the SET key: the display by the last two figures of the year	will show the label " y " followed ar.		39 40	d7 d8	0	dripping time defrost interval counting mode	0 15 min 0 = device on hours
inlet air temperature (if P4 = 3) Pb2 evaporator temperature (if P3 = 1 or 2)	4.	f	<u> </u>	Touch the UP or DOWN key with	in 15s to set the year.						1 = compressor on hours 2 = hours evaporator
Pb3 auxiliary temperature (if P4 = 1, 2 or 3) Pb4 calculated product temperature (CPT; if P4 = 3)	5.	Repeat	t actions 3 a	and 4 to set the next labels.							temperature < d9 3 = adaptive
3. ☐ SET Touch the SET key.	-	LAB.	MEANING (OF THE NUMBERS FOLLOWING THE	ELABEL		41	d9	0.0	evaporation threshold for	4 = real time -99 99 °C/°F
4. Touch the ON/STAND-BY key (or do not operate for 60s) to exit		n d	month (01. day (01 3				"	u,	0.0	automatic defrost interval	-77 77 67 1
1 I I I I I I I I I		h n	time (00 minutes (0	•		٥,	42	d11	0	counting enable defrost timeout alarm	0 = no 1 = yes
6 DATA-LOGGER MODULE on SD CARD (not available in EVJS204 and EVJS205) 6.1 Initial information	6.	1.	SET	Touch the SET key: the display	will show the label for the day of	•	43	d15	0	compressor on consecutive time for hot gas defrost	0 99 min
The data-logger module makes it possible to write information about the device on an SD card (in CSV format), in HACCP or service mode.	7.	<i>(</i>	<u> </u>	the week. Touch the UP or DOWN key w	rithin 15s to set the day of the		44	d16	0	pre-dripping time for hot gas defrost	0 99 min
Data-logger module configuration parameters. PAR. DEF. PARAMETER MIN MAX.		LAB.	DESCRIPTI	week.			45	d18	40	adaptive defrost interval	0 999 min if compressor on + evapora-
Sd0 30 SD card writing interval in HACCP 1 30 min mode		Mon tuE	Monday Tuesday		-						tor temperature < d22 0 = only manual
Sd1 1 SD card writing interval in service 1 30 min		UEd	Wednesday	у			46	d19	3.0	threshold for adaptive defrost	0 40 °C/°F
Sd2 60 service mode duration 1 240 min		thu Fri	Thursday Friday							(relative to optimal evaporation temperature)	optimal evaporation temperature - d19
Sd3 0 enable critical temperature recording 0 = no 1 = yes Sd4 0 enable cabinet temperature recording 0 = no 1 = yes		Sat Sun	Saturday Sunday				47	d20	180	compressor on consecutive time for defrost	0 999 min 0 = disabled
Sd5 1 decimal separator type 0 = comma 1 = point	8.	25	SET	Touch the SET key: the device w	vill exit the procedure.		48	d21	200	compressor on consecutive time for defrost after power-on and	0 500 min if (regulation temperature -
6.2 Writing in HACCP mode Writing in HACCP mode is always activated, it generates a daily file and a monthly file.	9.		D	Touch the ON/STAND-BY key to	exit the procedure beforehand.					overcooling	setpoint) > 10°C/20 °F 0 = disabled
Information written in HACCP mode.	7.3	Poset t	the factory	cottings			49	d22	-2.0	evaporation threshold for	-10 10 °C/°F
 cabinet temperature (if Sd4 = 1, default "no") critical temperature (if Sd3 = 1, default "no") 			ine ractory	settings						adaptive defrost interval counting (relative to optimal evaporation	
device switched on/offdefrost activated/completed	o _o	N.B. Check	that the fa	actory settings are appropriate; s	ee the section CONFIGURATION		50	d25	0	temperature) enable air out probe for defrost	0 = no 1 = yes
 energy saving activated/deactivated alarm activated/restored 		PARAM	METERS.				51	d26	6	during evaporator probe alarm defrost interval during	0 99 h
- power supply restored The date and time is written for each piece of information.	1.	25	БЕТ 	Touch the SET key for 4s: the di	splay will show the label "PA".					evaporator probe alarm	0 = only manual if d25 = 1
6.3 Writing in service mode	2.	1 25	5€T	Touch the SET key.			N. 52	PAR.	DEF.	ALARMS select value for high/low	MIN MAX.
Writing in service mode must be manually activated. Information written in service mode.	3.	f	<u>^8</u> - •	Touch the UP or DOWN key with	in 15s to set " 149 ".					temperature alarms	0 = regulation temperature 1 = evaporator temperature
- temperature detected by all probes	4.	1 26	SET		operate for 15s): the display will		53	A1	0.0	threshold for low temperature alarm	-99 99 °C/°F
enable/disable probesdevice switched on/off	<u> </u>	+-	<u> </u>	show the label "dEF".			54	A2	0	low temperature alarm type	0 = disabled 1 = relative to setpoint
functions on/offdefrost activated/completed	5.		5€Τ <u>^8</u> + •	Touch the SET key.			55	A4	0.0	threshold for high temperature	2 = absolute -99 99 °C/°F
 energy saving activated/deactivated alarm activated/restored 	6.	√	. 19	Touch the UP or DOWN key with	in 15s to set " 1 ".					alarm	
- power supply restored The date and time is written for each piece of information.	7.	+'-	SET	Touch the SET key (or do not op	erate for 15s).		56	A5	0	high temperature alarm type	0 = disabled 1 = relative to setpoint
	8.	1.	upt the powe	er supply to the device. Touch the SET key for 2s befor	re action 6 to exit the procedure		57	A6	120	high temperature alarm delay	2 = absolute 0 240 min
6.4 Activate/deactivate writing in service mode Check that the keypad isn't locked.	9.	" "	- - ·	beforehand.	<u>-</u>	•	58	A7		after power-on high/low temperature alarms	
	8	CONFIC	GURATION	PARAMETERS		•3	59	A8	15	delay high temperature alarm delay	
1. Touch the DOWN key for 1s.	® ≣	N. P.	AR. DEF.	SETPOINT	MIN MAX.					after defrost	
1. Touch the DOWN key for 1s. 2. Touch the UP or DOWN key within 15s to select the label "SEr".	(A)	-	SP 0.0 PAR. DEF.	setpoint ANALOGUE INPUTS	r1 r2 MIN MAX.		60	A9	15	high temperature alarm delay after door closing	
1 × 1		N. P.			-25 25 °C/°F		61	A10	10	power failure duration for alarm recording (not available in	0 240 min
2. Touch the UP or DOWN key within 15s to select the label "SEr". 3. Touch the SET key. 4. Touch the UP or DOWN key within 15s to set "1" (activate			CA1 0.0	cabinet probe offset	if P4 = 3, air in probe offeet		ı,			,	I .
2. Touch the UP or DOWN key within 15s to select the label "SEr". 3. Touch the SET key. 4. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). Touch the ON/STAND-BY key (or do not operate for 60s) to exit		2 C	CA2 0.0	evaporator probe offset	if P4 = 3, air in probe offset -25 25 °C/°F		62	A11	2.0	EVJS204 and EVJS205) high/low temperature alarms	1 15 °C/°F
2. Touch the UP or DOWN key within 15s to select the label "SEr". 3. Touch the SET key. 4. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). 5. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.		2 C 4 C 5	CA2 0.0 CA3 0.0 PO 1	evaporator probe offset auxiliary probe offset probe type	-25 25 °C/°F -25 25 °C/°F 0 = PTC 1 = NTC					EVJS204 and EVJS205) high/low temperature alarms reset differential	
2. Touch the UP or DOWN key within 15s to select the label "SEr". 3. Touch the SET key. 4. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). 5. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. 6.5 File names Example of a daily file name written in HACCP mode (e.g. the file "log001_2015_03_26.csv").		2 C 3 C 4 C 5 6 7	CA2 0.0 CA3 0.0	evaporator probe offset auxiliary probe offset probe type enable °C decimal point	-25 25 °C/°F -25 25 °C/°F		62	A11	2.0	EVJS204 and EVJS205) high/low temperature alarms reset differential power failure alarm notification type (not available in EVJS204	0 = HACCP LED 1 = HACCP LED + PF label +
2. Touch the UP or DOWN key within 15s to select the label "SEr". 3. Touch the SET key. 4. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). 5. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. 6.5 File names Example of a daily file name written in HACCP mode (e.g. the file "log001_2015_03_26.csv"). 001 the device address is 1 (parameter LA)	Q	2 C 4 C 5 6 7	CA2 0.0 CA3 0.0 PO 1 P1 1 P2 0	evaporator probe offset auxiliary probe offset probe type enable °C decimal point temperature unit comeasurement	-25 25 °C/°F -25 25 °C/°F 0 = PTC					EVJS204 and EVJS205) high/low temperature alarms reset differential power failure alarm notification	0 = HACCP LED 1 = HACCP LED + PF label + buzzer 2 = HACCP LED + PF label +
2. Touch the UP or DOWN key within 15s to select the label "SEr". 3. Touch the SET key. 4. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). 5. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. 6.5 File names Example of a daily file name written in HACCP mode (e.g. the file "log001_2015_03_26.csv"). 001 the device address is 1 (parameter LA) 2015 the file was written in 2015 03 the file was written in March		2 C 4 C 5 6 7	CA2 0.0 CA3 0.0 P0 1 P1 1 P2 0	evaporator probe offset auxiliary probe offset probe type enable °C decimal point temperature unit co	-25 25 °C/°F -25 25 °C/°F 0 = PTC					EVJS204 and EVJS205) high/low temperature alarms reset differential power failure alarm notification type (not available in EVJS204	0 = HACCP LED 1 = HACCP LED + PF label + buzzer
Touch the UP or DOWN key within 15s to select the label "SEr". Touch the SET key. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the UP or DOWN key within 15s to select the label "SEr".		2 C 3 C 4 C 5 6 7 7 8 8	CA2 0.0 CA3 0.0 PO 1 P1 1 P2 0	evaporator probe offset auxiliary probe offset probe type enable °C decimal point temperature unit comeasurement	-25 25 °C/°F -25 25 °C/°F 0 = PTC					EVJS204 and EVJS205) high/low temperature alarms reset differential power failure alarm notification type (not available in EVJS204	0 = HACCP LED 1 = HACCP LED + PF label + buzzer 2 = HACCP LED + PF label +
Touch the UP or DOWN key within 15s to select the label "SEr". Touch the SET key. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the UP or DOWN key within 15s to set "1" (activate writing). Touch the UP or DOWN key within 15s to set "1" (activate writing). Touch the SET key. Touch the SET ke		2 C 3 C 4 C 5 6 7 7 8 8	CA2 0.0 CA3 0.0 PO 1 P1 1 P2 0	evaporator probe offset auxiliary probe offset probe type enable °C decimal point temperature unit of measurement evaporator probe function	-25 25 °C/°F -25 25 °C/°F 0 = PTC					EVJS204 and EVJS205) high/low temperature alarms reset differential power failure alarm notification type (not available in EVJS204	0 = HACCP LED 1 = HACCP LED + PF label + buzzer 2 = HACCP LED + PF label +
Touch the UP or DOWN key within 15s to select the label "SEr". Touch the SET key. Touch the UP or DOWN key within 15s to set "1" (activate writing) or "0" (deactivate writing). Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure. Touch the UP or DOWN key within 15s to set "1" (activate writing). Touch the UP or DOWN key within 15s to set "1" (activate writing). Touch the SET key. Touch the SET key.		2 C 3 C 4 C 5 6 7 7 8 8	CA2 0.0 CA3 0.0 PO 1 P1 1 P2 0	evaporator probe offset auxiliary probe offset probe type enable °C decimal point temperature unit of measurement evaporator probe function	-25 25 °C/°F -25 25 °C/°F 0 = PTC					EVJS204 and EVJS205) high/low temperature alarms reset differential power failure alarm notification type (not available in EVJS204	0 = HACCP LED 1 = HACCP LED + PF label + buzzer 2 = HACCP LED + PF label +

ĺ	p.A. N. 64	PAR.	00 Instr DEF.	uction sheet ver. 1.1 Code 104JS200 FANS evaporator fan mode during	113 Page 3 of 3 PT 46/16 MIN MAX. 0 = off 1 = on
	04	U1	1	evaporator fan mode during normal operation	0 = off 1 = on 2 = on if compressor on 3 = thermoregulated (with
					regulation temperature + F1)
					4 = thermoregulated (with regulation temperature
					+ F1) if compressor on 5 = according to F6
					6 = thermoregulated (with F1) 7 = thermoregulated (with
	65	F1	-4.0	threshold for evaporator fan	F1) if compressor on -99 99 °C/°F
	66	F2	0	operation evaporator fan mode during	0 = off
	67	F3	2	defrost and dripping evaporator fan off maximum	2 = according to F0 0 15 min
	68	F4	30	evaporator fan off time during	0 240 s x 10
	69	F5	30	energy saving evaporator fan on time during energy saving	if F0 ≠ 5 0 240 s x 10 if F0 ≠ 5
	70	F6	0	energy saving high/low humidity operation	0 = low humidity (with F17 and F18 if compressor
(9)					off, on if compressor on) 1 = high humifity (on)
	71	F7	5.0	threshold for evaporator fan on after dripping (relative to	-99 99 °C/°F setpoint + F7
	72	F8	2.0	setpoint) threshold for evaporator fan	1 15 °C/°F
	73	F9	10	operation differential evaporator fan off delay after	0 240 s
	74	F10	1	compressor off condenser fan mode	if F0 = 2 or 5 0 = thermoregulated (with F11)
					1 = thermoregulated (with F11) if compressor off,
					on if compressor on 2 = thermoregulated (with
					F11) if compressor off, on if compressor on, off
	75	E11	15.0	threshold for condenses for	during defrost, pre- dripping and dripping
	75	F11	15.0	threshold for condenser fan on	0 99 °C/°F differential = 2 °C/4 °F
	76	F12	30 60	condenser fan off delay after compressor off	0 240 s if P4 ≠ 1 0 240 s
	77	F17	10	evaporator fan off time with low humidity	
	78 N.	F18	DEF.	evaporator fan on time with low humidity DIGITAL INPUTS	0 240 s MIN MAX.
	79	i0	5	door switch input function	0 = disabled 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
	80	i1	0	door switch input activation	0 = with contact closed 1 = with contact open
	81	i2	30	open door alarm delay	-1 120 min -1 = disabled
	82	i3	15	regulation inhibition maximum time with door open	-1 120 min -1 = until the closing
	83	i4	0	enable open door alarm recording (not available in the	$0 = no$ $1 = yes$ if $i2 \neq -1$ and after $i2$
	84	i5	7	models without clock) multi-purpose input function	0 = disabled
					1 = energy saving 2 = iA alarm 3 = iSd alarm
• "					4 = button-operated load on 5 = device on/off
					6 = LP alarm 7 = C1t alarm
	85	i6	0	multi-purpose input activation	8 = C2t alarm 0 = with contact closed
	86	i7	0	multi-purpose input alarm delay	1 = with contact open 0 120 min
					if i5 = 3 or 7, compressor on delay after alarm reset
	87	i8	0	number of multi-purpose input activations for high pressure	0 15 0 = disabled
	88	i9	240	alarm reset counter time for high	if i5 = 3 1 999 min
	89	i10	0	door closed consecutive time for	0 999 min
				energy saving	after regulation temperature < SP O = disabled
	90	i13	180	number of door openings for defrost	0 = disabled 0 240 0 = disabled
		i14	32	door open consecutive time for defrost	0 240 min
	91				0 = disabled
	91 N. 92	PAR.	DEF.	DIGITAL OUTPUTS auxiliary output configuration	0 = disabled MIN MAX. 0 = cabinet light
	N.			DIGITAL OUTPUTS auxiliary output configuration	
	N.				MIN MAX. 0 = cabinet light 1 = demisting
	N.				MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm
	N.			auxiliary output configuration	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone
	N. 92		0	auxiliary output configuration enable cabinet light and button- operated load in stand-by	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no
	N. 92 93	u1 u2 u4	0 1	enable cabinet light and button- operated load in stand-by enable alarm output off silencing the buzzer	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no 1 = yes manual 0 = no 1 = yes
*	N. 92 93 94 95	u2 u4 u5	0 1 -1.0	enable cabinet light and button- operated load in stand-by enable alarm output off silencing the buzzer threshold for door heaters on	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no 1 = yes manual 0 = no 1 = yes -99 99 °C/°F differential = 2 °C/4 °F
*	N. 92 93	u1 u2 u4	0 1	enable cabinet light and button- operated load in stand-by enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no
*	N. 92 93 94 95 96 97	u2 u4 u5 u6 u7	0 1 -1.0 5 -5.0	enable cabinet light and button- operated load in stand-by enable alarm output off silencing the buzzer threshold for door heaters on demisting on duration neutral zone threshold for heating (relative to setpoint)	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no 1 = yes 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
*	N. 92 93 94 95 96	u1 u2 u4 u5 u6	0 1 -1.0 5	enable cabinet light and button- operated load in stand-by 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 auxiliary output 2 configuration	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no
*	N. 92 93 94 95 96 97	u2 u4 u5 u6 u7	0 1 -1.0 5 -5.0	enable cabinet light and button- operated load in stand-by 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	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no 1 = yes 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 0 = cabinet light 1 = demisting 2 = button-operated load
*	N. 92 93 94 95 96 97	u2 u4 u5 u6 u7	0 1 -1.0 5 -5.0	enable cabinet light and button- operated load in stand-by 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 auxiliary output 2 configuration (not available in EVJS204 and	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no
*	N. 92 93 94 95 96 97	u2 u4 u5 u6 u7	0 1 -1.0 5 -5.0	enable cabinet light and button- operated load in stand-by 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 auxiliary output 2 configuration (not available in EVJS204 and	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no
*	N. 92 93 94 95 96 97 98 99	u2 u4 u5 u6 u7	0 1 -1.0 5 -5.0	enable cabinet light and button- operated load in stand-by 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 auxiliary output 2 configuration (not available in EVJS204 and EVJS214)	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no
★	N. 92 93 94 95 96 97	u2 u4 u5 u6 u7	0 1 -1.0 5 -5.0	enable cabinet light and button- operated load in stand-by 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 auxiliary output 2 configuration (not available in EVJS204 and	MIN MAX. 0 = cabinet light 1 = demisting 2 = button-operated load 3 = alarm 4 = door heaters 5 = heater for neutral zone 6 = condenser fan 7 = second compressor 8 = on/stand-by 0 = no

_	N.	PAR.	DEF.	REAL TIME ENERGY SAVING	MIN MAX.
O.	102	H01	0	energy saving time	0 23 h
r	103	H02	0	energy saving maximum duration	0 24 h
	N.	PAR.	DEF.	REAL TIME DEFROST (if d8 = 4)	MIN MAX.
	104	Hd1	h-	1st daily defrost time	h- = disabled
_	105	Hd2	h-	2nd daily defrost time	h- = disabled
Θ	106	Hd3	h-	3rd daily defrost time	h- = disabled
Ī	107	Hd4	h-	4th daily defrost time	h- = disabled
	108	Hd5	h-	5th daily defrost time	h- = disabled
	109	Hd6	h-	6th daily defrost time	h- = disabled
	N.	PAR.	DEF.	DATA-LOGGING (not available in EVJS204 and EVJS205)	MIN MAX.
	110	Sd0	30	SD card writing interval in HACCP mode	1 30 min
	111	Sd1	1	SD card writing interval in service mode	1 30 min
	112	Sd2	60	service mode duration	1 240 min
	113	Sd3	0	enable critical temperature recording	0 = no 1 = yes
	114	Sd4	0	enable cabinet temperature recording	0 = no 1 = yes
	115	Sd5	1	decimal separator type	0 = comma 1 = point
	N.	PAR.	DEF.	SAFETIES	MIN MAX.
	116	POF	1	enable ON/STAND-BY key	0 = no 1 = yes
\bigcirc	117	Loc	1	enable keypad lock (default 0 in the models with open-frame user interface)	0 = no 1 = yes
	118	PAS	-19	password	-99 999
	119	PA1	426	level 1 password	-99 999
	120	PA2	824	level 2 password	-99 999
	N.	PAR.	DEF.	DATA-LOGGING EVLINK	MIN MAX.
	121	rE0	60	data-logger sampling interval	0 240 min
<u></u>	122	rE1	4	recorded temperature	0 = none 1 = cabinet 2 = evaporator 3 = auxiliary 4 = cabinet and evaporator 5 = all
	N.	PAR.	DEF.	MODBUS	MIN MAX.
	123	LA	247	MODBUS address	1 247
ld	124	Lb	2	MODBUS baud rate	0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud
	125	LP	2	parity	0 = none 1 = odd 2 = even
	N.	PAR.	DEF.	BLUETOOTH	MIN MAX.
*	126	bLE	1	serial port configuration for connectivity	0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network

inet probe alarm porator probe alarm ilitary probe alarm k alarm temperature alarm n door alarm rer failure alarm n condensation warning n condensation alarm ti-purpose input alarm	RESET automatic automatic automatic automatic manual automatic automatic automatic automatic automatic manual automatic manual automatic manual	TO CORRECT - check PO - check probe integrity - check electrical connection set date, time and day of the week check AO, A1 and A2 check A4 and A5 check i0 and i1 - touch a key - check electrical connection check C6 - switch the device off and on - check i5 and i6 - switch the device off and on
porator probe alarm iliary probe alarm k alarm temperature alarm n temperature alarm ref railure alarm condensation warning n condensation alarm	automatic automatic manual automatic automatic automatic automatic manual automatic manual automatic manual	- check probe integrity - check electrical connection set date, time and day of the week check A0, A1 and A2 check A4 and A5 check i0 and i1 - touch a key - check electrical connection check C6 - switch the device off and on - check i5 and i6
iliary probe alarm k alarm temperature alarm n temperature alarm n door alarm er failure alarm n condensation warning n condensation alarm	automatic manual automatic automatic automatic manual automatic manual automatic manual	- check electrical connection set date, time and day of the week check A0, A1 and A2 check A4 and A5 check i0 and i1 - touch a key - check electrical connection check C6 - switch the device off and on - check C7 check i5 and i6
k alarm temperature alarm n temperature alarm n door alarm er failure alarm n condensation warning n condensation alarm	manual automatic automatic automatic manual automatic manual automatic manual	set date, time and day of the week check AO, A1 and A2 check A4 and A5 check iO and i1 - touch a key - check electrical connection check C6 - switch the device off and on - check C7 check i5 and i6
temperature alarm In temperature alarm In door alarm Iter failure alarm In condensation warning In condensation alarm Iti-purpose input alarm	automatic automatic automatic manual automatic manual automatic	check A0, A1 and A2 check A4 and A5 check i0 and i1 - touch a key - check electrical connection check C6 - switch the device off and on - check C7 check i5 and i6
n temperature alarm n door alarm ver failure alarm n condensation warning n condensation alarm	automatic automatic manual automatic manual automatic	check A4 and A5 check i0 and i1 touch a key check electrical connection check C6 switch the device off and on check C7 check i5 and i6
n door alarm ver failure alarm n condensation warning n condensation alarm ti-purpose input alarm	automatic manual automatic manual automatic	check i0 and i1 - touch a key - check electrical connection check C6 - switch the device off and on - check C7 check i5 and i6
rer failure alarm n condensation warning n condensation alarm ti-purpose input alarm	manual automatic manual automatic	- touch a key - check electrical connection check C6 - switch the device off and on - check C7 check i5 and i6
n condensation warning n condensation alarm ti-purpose input alarm	automatic manual automatic	- check electrical connection check C6 - switch the device off and on - check C7 check I5 and I6
n condensation alarm ti-purpose input alarm	manual automatic	- switch the device off and on - check C7 check i5 and i6
ti-purpose input alarm	automatic	- check C7 check i5 and i6
n pressure alarm	manual	
		- check i5, i6, i8, i9
pressure alarm	automatic	check i5 and i6
pressor thermal switch m	automatic	check i5 and i6
ond compressor thermal	automatic	check i5 and i6
ost timeout alarm	manual	- touch a key - check d2, d3 and d11
card full alarm	manual	free up space on the SD card or replace it
SD card inserted alarm	manual	insert the SD card or replace it
r interface-control dule communication m	manual	check electrical connection
1	pressor thermal switch m and compressor thermal ch alarm ost timeout alarm card full alarm 5D card inserted alarm interface-control ule communication	pressor thermal switch automatic mend compressor thermal automatic chalarm automatic chalarm manual card full alarm manual card full alarm manual interface-control ule communication menders.

Purpose of the control device		Function contro	allor
Construction of the control device	ilaa	Built-in electron	
Container	User interfac		Black, self-extinguishing
Container	container	e iii piastic	Black, self-extiliguishing
	Naked user into		0
			Open frame board
	Control module		Open frame board
Category of heat and fire resis	l .	D	7/4 050
Measurements	User interfac	e in plastic	111.4 x 76.4 x 25.0 mm
			(4 3/8 x 3 x 1 in)
	Open-frame us	er interface	101.0 x 67.0 x 8.0 mm
	Comband and divide		(4 x 2 5/8 x 5/16 in) 134.0 x 108.0 x 24.0 mm
	Control module	!	
			(5 1/4 x 4 1/4 x 15/16 in)
Mounting methods for the control device	User interfac container	e in plastic	To be fitted to a panel, with
control device		!-+	elastic holding flaps To be installed from behind.
	Open-frame us	er interiace	
			membrane keypad (not provided)
	Control module		
	Control module	:	To be installed on an electrical switchboard, on
			spacers (not provided)
Degree of protection	User interfac	e in plastic	IP65 (front), on condition the
provided by the covering	container	e iii piastie	device is fitted to a metal
provided by the covering	- Container		panel with thickness 0.8 mm
			(1/32 in)
	Naked user into	erface	IPO0
	Control module		IPO0
Connection method	,		
Plug-in screw terminal blocks	Fixed screw to	erminal blocks	Fixed screw terminal blocks
for wires up to 1 mm ²	for wires up to	2.5 mm ²	for wires up to 5 mm ²
Faston, 6.3 mm	Pico-Blade con	nector	Micro-MaTch connector
Maximum permitted length for	connection cabl	es	
User-interface-control module:	20 m (65.6 ft)		
Power supply: 10 m (32.8 ft)	` '	Analogue input	s: 10 m (32.8 ft)
Digital inputs: 10 m (32.8 ft)		Digital outputs:	10 m (32.8 ft)
Operating temperature			C (from 32 to 131 °F)
Storage temperature		From -25 to 70	°C (from -13 to 158 °F)
Operating humidity			dity without condensate from
		10 to 90%	
Pollution status of the control of	device	2	
Conformity			
RoHS 2011/65/CE	WEEE 2012/19	/EU	REACH (EC) Regulation
	ı		1007/200/

	'UE		LVD 2014/35/L	JE	
Power supply			115 230 VAC	C (+10% -15%), 50/60 Hz (±3	
			Hz), max. 6 VA	insulated	
Earthing meth	ods for the contr	ol device	With earth terr	ninal	
Rated impulse	-withstand voltag	ge	2.5 KV		
Over-voltage	category		П		
Software class	and structure		Α		
Clock				econdary lithium battery (clock EVJS204 and EVJS205)	
Clock drift				at 25 °C (77 °F)	
	autonomy in the	e absence of a	> 24 h at 25 °C		
power supply	, , , , , , , , , , , , , , , , , , , ,			,	
Clock battery	charging time		24 h (the bat	tery is charged by the powe	
,			supply of the d		
Analogue inpu	ts			ITC probes (cabinet probe and	
3			evaporator pro		
PTC probes	Sensor type			90 Ω @ 25 °C, 77 °F)	
	Measurement f	ield		i0 °C (from -58 to 302 °F)	
	Resolution		0.1 °C (1 °F)		
NTC probes	Sensor type		ß3435 (10 K□Ω @ 25 °C, 77 °F)		
itto probos	Measurement f	ield	From -40 to 105 °C (from -40 to 221 °F)		
	Resolution	icia	0.1 °C (1 °F)	3 0 (110111 40 10 221 1)	
Digital inputs	resolution		1 dry contact (door switch)		
Dry contact		Contact type	T dry contact (5 VDC, 2 mA	
Di y contact		Contact type Power supply		None	
		Protection		None	
		Protection		None	
Other inputs Input config			able for apales	uo input (auviliary probo) o	
Other inputs			-	ue input (auxiliary probe) o	
<u> </u>	,	digital input (m	nulti-purpose inp	ut)	
Other inputs Digital outputs	S	digital input (m 5 (4 for EVJS2	nulti-purpose inp 04 and EVJS214	ut)) with electro-mechanical rela	
<u> </u>	S	digital input (m 5 (4 for EVJS2) (compressor, c	nulti-purpose inp 04 and EVJS214 defrost, evapora	ut)	
Digital outputs		digital input (m 5 (4 for EVJS2	nulti-purpose inp 04 and EVJS214 defrost, evapora 2)	ut)) with electro-mechanical rela itor fan, auxiliary relay 1 an	
Digital outputs	elay (K2)	digital input (m 5 (4 for EVJS2) (compressor, c	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res	ut)) with electro-mechanical rela tor fan, auxiliary relay 1 an . @ 250 VAC	
Digital outputs Compressor re Defrost relay	elay (K2) (K4)	digital input (m 5 (4 for EVJS2) (compressor, c	oulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC	
Compressor re Defrost relay Evaporator fat	elay (K2) (K4) n relay (K5)	digital input (m 5 (4 for EVJS2) (compressor, c	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 8 A res.	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC	
Compressor re Defrost relay Evaporator far Auxiliary relay	elay (K2) (K4) n relay (K5)	digital input (m 5 (4 for EVJS2: (compressor, c auxiliary relay	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 16 A res SPST, 16 A res	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC . @ 250 VAC . @ 250 VAC	
Compressor re Defrost relay Evaporator far Auxiliary relay Auxiliary relay	elay (K2) (K4) n relay (K5) 1 (K3) ny 2 (K1, not	digital input (m 5 (4 for EVJS2: (compressor, c auxiliary relay	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 8 A res.	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC . @ 250 VAC . @ 250 VAC	
Compressor re Defrost relay Evaporator far Auxiliary relay Auxiliary relay EVJS204 and	elay (K2) (K4) n relay (K5) 1 (K3) ny 2 (K1, not EVJS214)	digital input (m 5 (4 for EVJS2) (compressor, c auxiliary relay	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 8 A res. SPST, 16 A res SPST, 30 A res	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC . @ 250 VAC . @ 250 VAC . @ 250 VAC	
Compressor re Defrost relay Evaporator fat Auxiliary rela Auxiliary rela EVJS204 and The device gu	elay (K2) (K4) n relay (K5) 1 (K3) ny 2 (K1, not EVJS214) arantees double	digital input (m 5 (4 for EVJS2) (compressor, c auxiliary relay	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 8 A res. SPST, 16 A res SPST, 30 A res	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC . @ 250 VAC . @ 250 VAC . @ 250 VAC	
Digital outputs Compressor relay Evaporator fat Auxiliary relay Auxiliary relay The device gu of the compor	elay (K2) (K4) n relay (K5) 1 (K3) ny 2 (K1, not EVJS214) arantees double lents of the device	digital input (m 5 (4 for EVJS2) (compressor, c auxiliary relay	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 8 A res. SPST, 16 A res SPST, 30 A res een each digital	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC . @ 250 VAC . @ 250 VAC . @ 250 VAC	
Digital outputs Compressor relay Evaporator fai Auxiliary relay Auxiliary rela EVJS204 and I The device gu of the compor Type 1 or Typ	elay (K2) (K4) n relay (K5) 1 (K3) 10 (K3) 10 (K3) 11 (K3) 12 (K1, not EVJS214) arantees double tents of the device 12 Actions	digital input (m 5 (4 for EVJS2) (compressor, c auxiliary relay	nulti-purpose inp 04 and EVJS214 defrost, evapora 2) SPST, 30 A res SPST, 16 A res SPST, 16 A res SPST, 16 A res SPST, 30 A res een each digital	ut)) with electro-mechanical relator fan, auxiliary relay 1 and . @ 250 VAC . @ 250 VAC @ 250 VAC . @ 250 VAC . @ 250 VAC	
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The device must be disposed of according to local regulations governing the collection of electrical and electronic waste.

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