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







EN ENGLISH

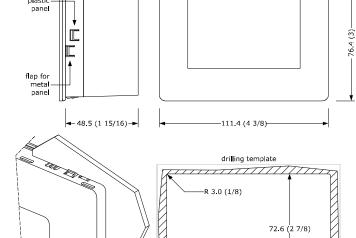
- Controllers for low temperature units
- Power supply 12 VAC/DC.
- Incorporated clock (according to the model)
- Cabinet probe and evaporator probe (PTC/NTC).
- Compressor relay 16 A res. @ 250 VAC or 30 A res. @ 250 VAC (according to the model).
- Alarm buzzer
- TTL MODBUS slave port for EVconnect app, 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.



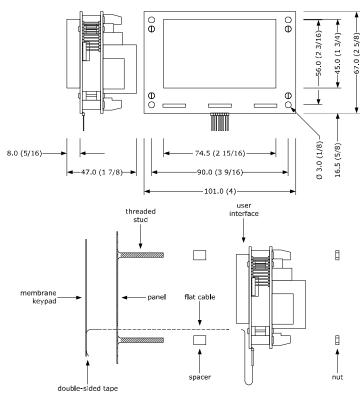
The thickness of a metal panel must be between 0.8 and 1.5 mm (1/32 and 1/16 in), while that for a plastic panel must be between 0.8 and 3.4 mm (1/32 and 1/8 in).



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Open-frame models

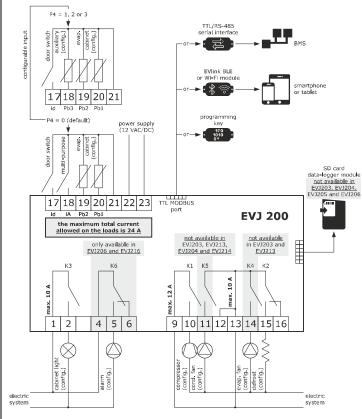
To be installed from behind, with threaded studs and membrane keypad



INSTALLATION PRECAUTIONS

- Ensure that the working conditions are within the limits stated in the $\emph{TECHNICAL}$ SPECIFICATIONS section.
- Do not install the device close to heat sources, equipment with a strong magnetic field, in places subject to direct sunlight, rain, damp, excessive dust, mechanical vibrations
- 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.

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



PRECAUTIONS FOR ELECTRICAL CONNECTION

- If using an electrical or pneumatic screwdriver, adjust the tightening torque.
- If the device has been moved from a cold to a warm place, the humidity may have caused condensation to form inside. Wait about an hour before switching on the
- Make sure that the supply voltage, electrical frequency and power are within the set limits. See the section TECHNICAL SPECIFICATIONS.
- Disconnect the power supply before doing any type of maintenance.
- Do not use the device as safety device.
- For repairs and for further information, contact the EVCO sales network

FIRST-TIME USE

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

temperature unit of measurement

- Configure the device as shown in the section Setting configuration parameters
- Recommended configuration parameters for first-time use PAR. DEF. PARAMETER MIN... MAX SP 0.0 setpoint r1... r2 probe type 0 = PTC

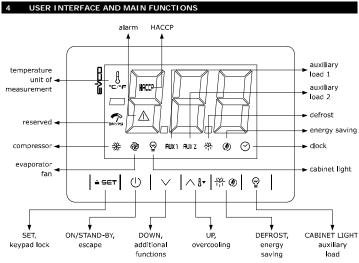
0 = electric 1 = hot gas defrost type Then check that the remaining settings are appropriate; see the section

0 = °C

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 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. Power up the device



Switching the device on and off

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 display shows an alarm code, see the section ALARMS.

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 active - low consumption	-	-			

	view time	 -	set date, time and day of the
<u> </u>			current week
.E/~F	view temperature	=	overcooling or overheating active
НАССР	saved HACCP alarm	-	new HACCP alarm saved
V	alarm active	-	-

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

Unlock keypad

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

4.3 Set the setpoint (if r3 = 0, default) Check that the keypad is not locked.

1.		
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.	I aset I	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

₩ 🐠 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

쯭 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.

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

ADDITIONAL FUNCTIONS 5.1 Activate/deactivate overcooling and overheating

Check that the keypad is not locked.

Touch the UP key for 2s.

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

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

Touch the DOWN key for 1s.

Touch the DEFROST key.

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

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

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

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

Check that the keypad is not locked.								
	1.	1.		Touch the DOWN key for 1s.				
	2.	√		Touch the UP or DOWN key within 15s to select a label.				
		LAB.	DESCRIPTION	N				
		LS	view HACCF	alarm information				
		rLS	delete HAC	CP alarm information				
	3.	Touch the SET key.						
	4.	4. Touch the UP or DOWN key to select an alarm code (t label "LS") or to set "149" (to select label "rLS").						
ıq		COD.	DESCRIPTION	ON				
		AL	low tempera	ature alarm				
		АН	high temperature alarm					
		id	open door alarm (if i4 = 1)					
		PF	l ·	re alarm (available in EVJ213, EVJ214, EVJ215 and EVJ216 or in J204, EVJ205 and EVJ206 with interface EVIF25TBX connected)				
	5.	<u> </u>	∋∈ Τ	Touch the SET key.				
łТ	6.	(D	Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.				

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

8.0		critical value (calculated cabinet/product temperature) was 8.0 °C/°F			
Sta	(available	e in EVJ213, EVJ214, EVJ215 and EVJ216 or in EVJ203,			
	EVJ204, I	EVJ205 and EVJ206 with interface EVIF25TBX connected)			
	y15	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					
	h01	alarm lasted 1h			
	n15	alarm lasted 1h 15min			

5.5 View/delete compressor functioning hours

Check t	Check that the keypad is not locked.								
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							
	CH1	view compressor functioning hundreds of hours							
	CH2	view second	view second compressor functioning hundreds of hours (if u1c u6c = 1)						

		oction sheet ver. 4.0 Code 104J200E403LVPS Page 2 of 3 PT 27/18 pressor and second compressor functioning hours	9.	ادا	<u>a</u> se 1	- I	Touch the SET key for 4s (or do	not operate for 60s) to exit the		30	C8	1	high condensation alarm delay	0 15 min
3. 25	<u>'</u>	Touch the SET key.		١.		•	procedure. and day of the week (availab	lo in EVI212 EVI214 EVI21E		31	C10	0	compressor hours for service	0 999 h x 100 0 = disabled
4.	<u>^ 8</u> ▼ <u>▶</u>	Touch the UP or DOWN key to set *149* (to select rCH).	7.2	and	EVJ2	16 or	in EVJ203, EVJ204, EVJ205 F25TWX connected)			32 N.	C11 PAR.	DEF.	second compressor switch-on delay DEFROST (if r5 = 0)	MIN MAX.
5. 25		Touch the SET key. Touch the ON/STAND-BY key (or do not operate for 60s) to exit		N.B						33	d0	8	automatic defrost interval	0 99 h 0 = only manual
6.	ן ע	the procedure.	ಧ್ಯ				onnected to the interface EVIF25T within two minutes since the set			34	d1	0	defrost type	if d8 = 3, maximum interval 0 = electric
5.6 View the Check that the ke		ture detected by the probes t locked.	~ Q	- 11			nmunicates with the APP EVconnec	*					·	1 = hot gas 2 = compressor stopped
1.	/	Touch the DOWN key for 1s.					atically be set by the smartphone of	or tablet.		35 36	d2 d3	2.0 30	threshold for defrost end defrost duration	-99 99 °C/°F 0 99 min
2.	<u> </u>	Touch the UP or DOWN key within 15s to select a label.	1.	that t	he key _l	oad is no	It locked. Touch the DOWN key for 1s.			37	d4	0	enable defrost at power-on	se P3 = 1, maximum duration 0 = no 1 = yes
Pb1		perature (if P4 = 0, 1 or 2)	2.	√		Ð▼ Jø	Touch the UP or DOWN key within	n 15s to select the label "rtc".		38 39	d5 d6	0 1	defrost dealy after power-on value displayed during defrost	0 99 min 0 = regulation temperature
Pb2 6	evaporator	pperature (if P4 = 3) temperature (if P3 = 1 or 2)	3.		2 SE	- -	Touch the SET key: the display by the last two figures of the yea							1 = display locked 2 = dEF label
		mperature (if P4 = 1, 2 or 3) product temperature (CPT; if P4 = 3)	4.	€		∄ ▼ _ ≱	Touch the UP or DOWN key within			40	d7 d8	0	dripping time defrost interval counting mode	0 15 min 0 = device on hours
3.	ET	Touch the SET key.	5.	Rep	eat act	ions 3 ar	nd 4 to set the next labels.							1 = compressor on hours 2 = hours evaporator
4.	D	Touch the ON/STAND-BY key (or do not operate for 60s) to exit the procedure.		LAB n		ANING C	OF THE NUMBERS FOLLOWING THE	LABEL						temperature < d9 3 = adaptive 4 = real time
		DULE on SD CARD (not available in EVJ203, EVJ204, EVJ205		d h	day	(01 3 e (00 2	1)			42	d9	0.0	evaporation threshold for automatic defrost interval	-99 99 °C/°F
	nformation	kes it possible to write information about the device on an SD card		n	_	nutes (00	•	vill show the label for the day of		43	d11	О	counting enable defrost timeout alarm	0 = no 1 = yes
(in CSV format)	, in HACCP		6.		SET	Γ <u> </u>	the week. Touch the UP or DOWN key wi		••	44	d15	0	compressor on consecutive time for hot gas defrost	-20 99 min if negative values, duration
PAR. DEF.	PARAMETE	·	7.	LAB		SCRIPTION	week.			45	d16	0	pre-dripping time for hot gas	dripping heater on
	mode	uriting interval in service 1 30 min		Moi	n Mo	nday esday				46	d18	40	defrost adaptive defrost interval	0 999 min
	mode service mo			UEc	d We	dnesday ursday					4.0		adaptive demost interval	if compressor on + evapora- tor temperature < d22
-		cal temperature recording 0 = no 1 = yes net temperature recording 0 = no 1 = yes		Fri	Frie	day turday				47	d19	3.0	threshold for adaptive defrost	0 = only manual 0 40 °C/°F
		arator type 0 = comma 1 = point	Ì	Sur	S u	nday							(relative to optimal evaporation temperature)	optimal evaporation temperature - d19
_	in HACCP P mode is a	mode lways activated, it generates a daily file and a monthly file.	8.	1 '	(I)	r 	Touch the SET key: the device wi			48	d20	180	compressor on consecutive time for defrost	0 999 min 0 = disabled
Information writt	ten in HAC temperature	CP mode. • (if Sd4 = 1, default " no ")	9.		\bigcirc	1	Touch the ON/STAND-BY key to e	exit the procedure beforehand.		49	d21	200	compressor on consecutive time for defrost after power-on and	
	emperature witched on/	(if Sd3 = 1, default " no ") off	7.3	Rese	et the 1	actory	settings						overcooling	setpoint) > 10°C/20 °F 0 = disabled
- energy sa	-	ated/deactivated	o,	N.B Che		t the fa	ctory settings are appropriate; se	ee the section CONFIGURATION		50	d22	-2.0	evaporation threshold for adaptive defrost interval counting	optimal evaporation
- power su	tivated/res	ed		PAR	RAMETE	RS.							(relative to optimal evaporation temperature)	
	in service	for each piece of information.	1.		<u>se</u>	r	Touch the SET key for 4s: the dis	play will show the label "PA".		51	d25	0	enable air out probe for defrost during evaporator probe alarm	,
•	e mode mu	st be manually activated.	2. Touch the SET key.							52	d26	6	defrost interval during evaporator probe alarm	0 99 h 0 = only manual if d25 = 1
- temperat		ed by all probes	3.							N. 53	PAR.	DEF.	ALARMS select value for high/low	MIN MAX. 0 = regulation temperature
device swfunctions	witched on/ s on/off	off	4. Touch the SET key (or do not operate for 15s): the display will show the label "dEF".						54	A0 A1	0.0	temperature alarms threshold for low temperature	1 = evaporator temperature -99 99 °C/°F	
	activated/co saving activ	mpleted ated/deactivated	5.	1	a set		Touch the SET key.			55	A2	0	alarm low temperature alarm type	0 = disabled
	tivated/res upply restor		6.	Touch the UP or DOWN key within 15s to set *1".				15s to set " 1 ".			712		low tomporatare diam type	1 = relative to setpoint 2 = absolute
		for each piece of information.	7.	+-	a set		Touch the SET key (or do not oper supply to the device.	erate for 15s).		56	A4	0.0	threshold for high temperature alarm	-99 99 °C/°F
6.4 Activate Check that the k		te writing in service mode it locked. 	9.	1	3 SE	i	Touch the SET key for 2s before beforehand.	e action 6 to exit the procedure		57	A 5	0	high temperature alarm type	0 = disabled 1 = relative to setpoint
1.	<u>/ </u>	Touch the DOWN key for 1s.		CON	FIGUE	ATION	PARAMETERS			58	A6	120	high temperature alarm delay	2 = absolute 0 240 min
2.	<u> </u>	Touch the UP or DOWN key within 15s to select the label "SEr".			PAR.	DEF.	SETPOINT	MIN MAX.		59	A7	15	after power-on high/low temperature alarms	0 240 min
3. 25	í∈⊤ ┃ △ 8▾ ┃▴	Touch the SET key. Touch the UP or DOWN key within 15s to set "1" (activate		1 N.	SP PAR.	O.O DEF.	setpoint ANALOGUE INPUTS	r1 r2	*2	60	A8	15	delay high temperature alarm delay	0 240 min
4.		writing) or "0" (deactivate writing). Touch the ON/STAND-BY key (or do not operate for 60s) to exit		2	CA1	0.0	cabinet probe offset	-25 25 °C/°F if P4 = 3, air in probe offset		61	A9	15	after defrost high temperature alarm delay	0 240 min
5.	リ I	the procedure.		3	CA2	0.0	evaporator probe offset auxiliary probe offset	-25 25 °C/°F -25 25 °C/°F		62	A10	10	after door closing power failure duration for alarm	0 240 min
6.5 File nam Example of a dai		e written in HACCP mode (e.g. the file "log001_2015_03_26.csv").		5	P0 P1	1	probe type enable °C decimal point	0 = PTC 1 = NTC 0 = no 1 = yes					recording (not available in EVJ203, EVJ204, EVJ205 and EVJ206)	
001 2015	the file v	e address is 1 (parameter LA) /as written in 2015		7	P2	0		f 0 = °C 1 = °F		63	A11	2.0	high/low temperature alarms reset differential	1 15 °C/°F
03 26		vas written in March vas written on 26 March 2015		8	Р3	1	evaporator probe function	0 = disabled 1 = defrost + fan		64	A12	0	power failure alarm notification type (not available in EVJ203,	0 = HACCP LED 1 = HACCP LED + PF label +
Example of a mo		ame written in HACCP mode (e.g. the file "log001_2015_m03.csv").		9	P4	0	configurable input function	2 = fan 0 = digital input					EVJ204, EVJ205 and EVJ206)	buzzer 2 = HACCP LED + PF label +
	the file v	e address is 1 (parameter LA) ras written in 2015	Q					1 = condenser probe 2 = critical temperature probe		N.	PAR.	DEF.	FANS	buzzer (if duration > A10) MIN MAX.
m03	•	vas written in March 2015						3 = air out probe if P4 = 3, regulation temperature		65	FO	1	evaporator fan mode during normal operation	0 = off 1 = on 2 = on if compressor on
001	the devi	ten in service mode (e.g. the file "log001_2015_0001.csv"), te address is 1 (parameter LA)		10	P5	0	value displayed	= product temperature (CPT) 0 = regulation temperature						3 = thermoregulated (with regulation temperature
0001	sequenc	vas written in 2015 e number						1 = setpoint 2 = evaporator temperature						+ F1) 4 = thermoregulated (with
6.6 View da		module alarms it locked.		11	P7	50	inlet air weight for calculated	3 = auxiliary temperature 4 = air in temperature 1 0 100 %						regulation temperature + F1) if compressor on
1.	/	Touch the DOWN key for 1s.		'	'		product temperature (CPT)	CPT = { [(P7 x (inlet air T)] + [(100 - P7) x (outlet air T)] :						5 = according to F6 6 = thermoregulated (with F1) 7 = thermoregulated (with
2.	<u> </u>	Touch the UP or DOWN key within 15s to select the label "Err".		12	P8	5	display refresh time	100} 0 250 s : 10		66	F1	-4.0	threshold for evaporator fan	F1) if compressor on
3. 25	ı	Touch the SET key.		N. 13	PAR.	DEF. 2.0	REGULATION setpoint differential	MIN MAX. 1 15 °C/°F		67	F1	-4.0	operation evaporator fan mode during	
	<u> </u>	Touch the UP or DOWN key within 15s to see the alarm code.		14	r1	-40 50.0	minimum setpoint maximum setpoint	-99 °C/°F r2 r1 199 °C/°F	Ş	68	F3	2	defrost and dripping evaporator fan off maximum	2 = according to F0
FUL 1		ft on SD card alarm	_	16 17	_	0.0	enable setpoint block setpoint offset in energy saving	0 = no 1 = yes 0 99 °C/°F		69	F4	30	time evaporator fan off time during	def. 0 in EVJ203 ed EVJ213
5. S d 5	SD card no	t inserted or not recognised alarm Touch the ON/STAND-BY key (or do not operate for 60s) to exit	*	18		0	cooling or heating operation	0 = cooling 1 = heating		70	F5	30	energy saving evaporator fan on time during	if F0 ≠ 5
	ノ	the procedure.		19	r6	0.0	setpoint offset ir overcooling/overheating	0 99 °C/°F		71	F6	0	energy saving high/low humidity operation	if F0 \neq 5 0 = low humidity (with F17
7 SETTING		ion parameters		20	-	0	overcooling/overheating duration position of the r0 differential	0 240 min 0 = asymmetric					,	and F18 if compressor off, on if compressor on)
1. 25	ET	Touch the SET key for 4s: the display will show the label "PA".	<u> </u>	N.	PAR.	DEF.	COMPRESSOR	1 = symmetric MIN MAX.		72	F7	5.0	threshold for evaporator fan on	1 = high humifity (on) -99 99 °C/°F
2. 25		Touch the SET key.		22	_	0	compressor on delay after power-on						after dripping (relative to setpoint)	
	<u>^ 8</u> ▼ <u>}</u>	Touch the UP or DOWN key within 15s to set the PAS value (default *-19*).		23	C1	5	delay between 2 compressor switch-ons	0 240 min		73	F8	2.0	threshold for evaporator fan operation differential	
1.	i∈⊤	Touch the SET key (or do not operate for 15s): the display will show the label "SP".	~	24 25	_	3	compressor off minimum time compressor on minimum time	0 240 min 0 240 s		74	F9	10	evaporator fan off delay after compressor off	0 240 s if F0 = 2 or 5
4. 250	^ 0- I	i		26	C4	10	compressor off time during	0 240 min						
5 4	<u> </u>	Touch the UP or DOWN key to select a parameter.				-	cabinet probe alarm							
5. f	ET	Touch the SET key.		27	C5	10	compressor on time during cabinet probe alarm							
5. f				27 28 29	C6		compressor on time during	0 199 °C/°F differential = 2 °C/4 °F						

vco s.	p.A. 75	F10	Instru	ction sheet ver. 4.0 Code 104J200E40 condenser fan mode	OBLVPS Page 3 of 3 PT 27/18 O = thermoregulated (with F11) 1 = thermoregulated (with
					F11) if compressor off, on if compressor on
					2 = thermoregulated (with F11) if compressor off,
					on if compressor on, off during defrost, pre-
	76	F11	15.0	threshold for condenser fan on	dripping and dripping 0 99 °C/°F
	77	F12	30	condenser fan off delay after compressor off	differential = 2 °C/4 °F 0 240 s if P4 \neq 1
	78	F17	60	evaporator fan off time with low humidity	0 240 s
	79	F18	10	evaporator fan on time with low humidity	0 240 s
	N. 80	PAR.	DEF.	DIGITAL INPUTS door switch input function	MIN MAX. O = 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 +
	81	i1	0	door switch input activation	cabinet light on 0 = with contact closed
	82	i2	30	open door alarm delay	1 = with contact open -1 120 min -1 = disabled
	83	i3	15	regulation inhibition maximum time with door open	-1 120 min -1 = until the closing
	84	i4	0	enable open door alarm recording (not available in the	0 = no 1 = yes if i2 ≠ -1 and after i2
	85	i5	8	models without clock) multi-purpose input function	0 = disabled
	65	15	•	mani-parpose input runction	1 = energy saving 2 = iA alarm
€					3 = iSd alarm 4 = button-operated load 1 on
					5 = button-operated load 2 on 6 = device on/off
					7 = LP alarm 8 = C1t alarm
	86	i6	0	multi-purpose input activation	9 = C2t alarm 0 = with contact closed
	87	i7	0	multi-purpose input alarm delay	1 = with contact open 0 120 min
				,	if i5 = 3, 8 or 9, compressor on delay after alarm reset
	88	i8	0	number of multi-purpose input activations for high pressure	0 15 0 = disabled
	89	i9	240	alarm reset counter time for high	if i5 = 3 1 999 min
	90	i10	0	pressure alarm door closed consecutive time for	0 999 min
				energy saving	after regulation temperature < SP
	91	i13	180	number of door openings for	0 = disabled 0 240
	92	i14	32	door open consecutive time for	0 = disabled 0 240 min
	N.	PAR.	DEF.	DIGITAL OUTPUTS	0 = disabled MIN MAX.
	93	u1c	0	relay K1 configuration	0 = first compressor 1 = second compressor
					2 = evaporator fan 3 = condenser fan 4 = defrost
					5 = cabinet light 6 = demisting
					7 = door heaters 8 = heater for neutral zone
					9 = dripping heater
					10= button-operated load 1 11= button-operated load 2
	94	u2c	4	relav K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by
	94	u2c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor
	94	u2c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor
	94	u2c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan
	94	u2c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light
	94	u2c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1
∆	94	u2c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm
*	94	u2c u3c	4	relay K2 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone
*					10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 11= button-operated load 1 11= button-operated load 1 11= button-operated load 2 12= alarm
*	95	u3c	5	relay K3 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 11= button-operated load 1 11= button-operated load 1 11= button-operated load 1 11= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor
*	95	u3c	5	relay K3 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan
*	95	u3c	5	relay K3 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13 = on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters
*	95	u3c	5	relay K3 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 11= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater
*	95	u3c	5	relay K3 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 1
*	95	u3c	5	relay K3 configuration	10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1 11= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 2 12= alarm 13= on/stand-by 0 = first compressor 1 = second compressor 2 = evaporator fan 3 = condenser fan 4 = defrost 5 = cabinet light 6 = demisting 7 = door heaters 8 = heater for neutral zone 9 = dripping heater 10= button-operated load 1

					9 = dripping heater
					10= button-operated load 1 11= button-operated load 2
					12= alarm
	98	u6c	11	relay K6 configuration (only	13= on/stand-by 0 = first compressor
	70	uoc	''	available in EVJ206 and EVJ216)	1 = second compressor
					2 = evaporator fan 3 = condenser fan
					4 = defrost
					5 = cabinet light 6 = demisting
					7 = door heaters
					8 = heater for neutral zone
					9 = dripping heater10= button-operated load 1
					11= button-operated load 2
					12= alarm 13= on/stand-by
	99	u2	0	enable cabinet light and button-	0 = no 1 = yes
	100	u4	1	operated load in stand-by enable alarm output off silencing	manual 0 = no 1 = yes
				the buzzer	•
	101	u5	-1.0	threshold for door heaters on	-99 99 °C/°F differential = 2 °C/4 °F
	102	u6	5	demisting on duration	1 120 min
	103	u7	-5.0	neutral zone threshold for heating (relative to setpoint)	-99 99 °C/°F differential = 2 °C/4 °F
				aung (relative to setholist)	setpoint + u7
	104 N.	u9 PAR.	DEF.	enable alarm buzzer REAL TIME CLOCK	0 = no 1 = yes MIN MAX.
\bigcirc	105	Hr0	0 0	enable clock (default 0 in	0 = no 1 = yes
<u>ح</u>				EVJ203, EVJ204, EVJ205 and EVJ206)	
<u> </u>	N.	PAR.	DEF.	ENERGY SAVING (if r5 = 0)	MIN MAX.
77	106	HE2	0	energy saving maximum duration	0 999 min
Φ	N.	PAR.	DEF.	REAL TIME ENERGY SAVING (if r5 = 0)	MIN MAX.
*	107	H01	0	energy saving time	0 23 h
	108 N.	H02 PAR.	O DEF.	energy saving maximum duration REAL TIME DEFROST (if d8 = 4)	0 24 h MIN MAX.
	109	Hd1	h-	1st daily defrost time	h- = disabled
⊕. ©	110 111	Hd2 Hd3	h- h-	2nd daily defrost time 3rd daily defrost time	h- = disabled h- = disabled
•	112	Hd4	h-	4th daily defrost time	h- = disabled
	113 114	Hd5 Hd6	h- h-	5th daily defrost time 6th daily defrost time	h- = disabled h- = disabled
	N.	PAR.	DEF.	DATA-LOGGING (not available in	MIN MAX.
				EVJ203, EVJ204, EVJ205 and EVJ206)	
	115	Sd0	30	SD card writing interval in HACCP mode	1 30 min
(IIII)	116	Sd1	1	SD card writing interval in	1 30 min
	11-	0.10	/^	service mode	1 240!
	117 118	Sd2 Sd3	60 0	service mode duration enable critical temperature	1 240 min 0 = no 1 = yes
				recording	
	119	Sd4	0	enable cabinet temperature recording	0 = no 1 = yes
	120	Sd5	1	decimal separator type	0 = comma 1 = point
	N. 121	PAR. POF	DEF.	SAFETIES enable ON/STAND-BY key	MIN MAX. 0 = no
	122	Loc	1	enable keypad lock (default 0 in	0 = no 1 = yes
\bigcirc				the models with open-frame user interface)	
-	123	PAS	-19	password	-99 999
	124 125	PA1 PA2	426 824	level 1 password	-99 999
	125 N.	PA2 PAR.	DEF.	DATA-LOGGING EVLINK	-99 999 MIN MAX.
	126	rE0	60	data-logger sampling interval	0 240 min
	127	rE1	4	recorded temperature	0 = none 1 = cabinet 2 = evaporator
OG					3 = auxiliary
					4 = cabinet and evaporator 5 = all
	N.	PAR.	DEF.	MODBUS	MIN MAX.
	128 129	LA Lb	247	MODBUS address MODBUS baud rate	1 247 0 = 2,400 baud
ld	127				1 = 4,800 baud
14					2 = 9,600 baud 3 = 19,200 baud
	130	LP	2	parity	0 = none 1 = odd
		l .	1		2 = even
		D 4 5	D	BLUETOOTU	NAINI NANY
	N. 131	PAR.	DEF.	BLUETOOTH serial port configuration for	MIN MAX. O = free
*					

COD.	DESCRIPTION	RESET	TO CORRECT				
Pr1	cabinet probe alarm	automatic	- check PO				
Pr2	evaporator probe alarm	automatic	- check probe integrity				
Pr3	auxiliary probe alarm	automatic	- check electrical connection				
rtc	clock alarm	manual	set date, time and day of the week				
AL	low temperature alarm	automatic	check A0, A1 and A2				
АН	high temperature alarm	automatic	check A4 and A5				
id	open door alarm	automatic	check i0 and i1				
PF	power failure alarm	manual	- touch a key				
			- check electrical connection				
сон	high condensation warning	automatic	check C6				
CSd	high condensation alarm	manual	- switch the device off and on				
			- check C7				
iA	multi-purpose input alarm	automatic	check i5 and i6				
iSd	high pressure alarm	manual	- switch the device off and on				
			- check i5, i6, i8, i9				
LP	low pressure alarm	automatic	check i5 and i6				
C1t	compressor thermal switch	automatic	check i5 and i6				
	alarm						
C2t	second compressor thermal	automatic	check i5 and i6				
	switch alarm						
dFd	defrost timeout alarm	manual	- touch a key				
			- check d2, d3 and d11				
FUL	SD card full alarm	manual	free up space on the SD card or				
			replace it				
Sd	No SD card inserted alarm	manual	insert the SD card or replace it				

Construction of	control device		Function contr	oller	
	Construction of the control dev				
Container		Models in plast		Black, self-extinguishing	
		Open-frame m	odels	Open-frame board	
	at and fire resist	I	D	I	
Measurements		Models in plastic container		111.4 x 76.4 x 48.0 mn	
		Open-frame models		(4 3/8 x 3 x 1 15/16 in) 101.0 x 67.0 x 47.0 mn	
		Open traine in	odeis	(4 x 2 5/8 x 1 7/8 in)	
Mounting met	thods for the	Models in plast	ic container	To be fitted to a panel, with	
control device				elastic holding flaps	
		Open-frame m	odels	To be installed from behind	
				with threaded studs and membrane keypad (no	
				provided)	
Degree of	protection	Models in plast	ic container	IP65 (front), on condition the	
provided by the	e covering			device is fitted to a meta	
				panel with thickness 0.8 mr (1/32 in)	
		Open-frame models		IPO0	
Connection me	thod				
			.5 mm² (remov	able screw terminal blocks fo	
	mm² by reques	st)	Micro-MaTch c	onnactor	
Pico-Blade con Maximum pern	nitted length for	connection cabl		ormector	
	10 m (32.8 ft)			ts: 10 m (32.8 ft)	
Digital inputs:			-	: 10 m (32.8 ft)	
Operating temp				rom -5 to 55 °C (from 23 to 131 °F)	
Storage temperature				om -25 to 70 °C (from -13 to 158 °F)	
Operating humidity			Relative humi 10 to 90%	dity without condensate fron	
Pollution status of the control of		levice	2		
Conformity				_	
RoHS 2011/65	/CE	WEEE 2012/19	P/EU	REACH (EC) Regulation	
EMC 2014/30/	LIF		LVD 2014/35/	1907/2006	
Power supply	<u> </u>		200 201 17007	<u>5</u>	
12 VAC (+109	% -15%), 50/6	0 Hz (±3 Hz),	12 VDC (+109	% -15%), max. 3.5 W insulated	
max. 4 VA insu					
	ods for the contr		None 4 KV		
Over-voltage c	withstand voltage	ge	III		
Software class			A		
Clock			24 h (the battery is charged by the powe supply of the device)		
Ol11-:64					
Clock drift	autonomy in the	absence of a			
power supply	actoriorny in the	c absence of a			
Clock battery o	harging time				
Analogue inputs			2 for PTC or NTC probes (cabinet probe and evaporator probe) KTY 81-121 (990 Ω @ 25 °C, 77 °F) From -50 to 150 °C (from -58 to 302 °F)		
PTC probes	Sensor type Measurement field				
	Resolution		0.1 °C (1 °F)		
NTC probes	Sensor type Measurement field		63435 (10 K□Ω @ 25 °C, 77 °F) From -40 to 105 °C (from -40 to 221 °F) 0.1 °C (1 °F) 1 dry contact (door switch)		
Resolution					
Digital inputs		Contact type	I dry contact	5 VDC, 2 mA	
	Dry contact			None	
		Power supply		None	
		Protection			
Dry contact		Input configur		gue input (auxiliary probe) o	
Other inputs		Input configur digital input (m	nulti-purpose inp	gue input (auxiliary probe) o out)	
Other inputs		Input configur digital input (m 6 (5 for EVJ20	nulti-purpose inp 5 and EVJ215,	gue input (auxiliary probe) o out) 4 for EVJ204 and EVJ214, 3 fo	
Other inputs		Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximum	nulti-purpose inp 5 and EVJ215, J213) with elec	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 fo tro-mechanical relay	
Dry contact Other inputs Digital outputs		Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV	nulti-purpose inp 5 and EVJ215, (J213) with elec m total curre	Jue input (auxiliary probe) o out) 4 for EVJ204 and EVJ214, 3 fo tro-mechanical relay nt allowed on the loads i	
Dry contact Other inputs Digital outputs		Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximum	nulti-purpose ing 5 and EVJ215, J213) with elec m total curre SPST, 16 A res	gue input (auxiliary probe) of out) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay nt allowed on the loads in the loa	
Dry contact Other inputs Digital outputs		Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximum	nulti-purpose ing 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res SPST, 30 A res	Jue input (auxiliary probe) o out) 4 for EVJ204 and EVJ214, 3 fo tro-mechanical relay nt allowed on the loads i	
Dry contact Other inputs Digital outputs Relay K1		Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximum	nulti-purpose ing 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res SPST, 30 A res	Jue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay nt allowed on the loads in the loads	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3		Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximur 24 A	sulti-purpose ing 5 and EVJ215, 7J213) with elec m total current SPST, 16 A res SPST, 30 A res EVJ2?5?2?73? SPDT, 8 A res. SPST, 16 A res	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay int allowed on the loads in s. @ 250 VAC in candidate and EVJ2???????? @ 250 VAC in candidate and EVJ2?6?2??????? @ 250 VAC in candidate and EVJ2?6?2???????	
Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (no	ot available in	Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximur 24 A	sulti-purpose ing 5 and EVJ215, (J213) with elec m total currer SPST, 16 A res EVJ275727737 SPDT, 8 A res	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay int allowed on the loads in s. @ 250 VAC in candidate and EVJ2???????? @ 250 VAC in candidate and EVJ2?6?2??????? @ 250 VAC in candidate and EVJ2?6?2???????	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (no		Input configur digital input (m 6 (5 for EVJ203 and EV The maximus 24 A EVJ203 and	sulti-purpose in 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res SPST, 30 A res EVJ275727737 SPDT, 8 A res. SPST, 16 A res.	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 fotro-mechanical relay nt allowed on the loads is 6. @ 250 VAC 6. @ 250 VAC in 77 and EVJ27672773777 @ 250 VAC 6. @ 250 VAC 6. @ 250 VAC 6. @ 250 VAC	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (note) EVJ213) Relay K5 (note)	available in EV	Input configur digital input (m 6 (5 for EVJ203 and EV The maximus 24 A EVJ203 and	sulti-purpose ing 5 and EVJ215, 7J213) with elec m total current SPST, 16 A res SPST, 30 A res EVJ2?5?2?73? SPDT, 8 A res. SPST, 16 A res	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 fotro-mechanical relay nt allowed on the loads is 6. @ 250 VAC 6. @ 250 VAC in 77 and EVJ27672773777 @ 250 VAC 6. @ 250 VAC 6. @ 250 VAC 6. @ 250 VAC	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (notation (no	available in EV	Input configur digital input (m 6 (5 for EVJ203 and EV The maximus 24 A EVJ203 and	spectral and spect	Jue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay int allowed on the loads in allowed on t	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (note) Relay K5 (note) EVJ213) Relay K6 (ore EVJ204 and EV Relay K6 (ore EVJ216)	available in EV (J214) nly available in	Input configur digital input (m 6 (5 for EVJ20 EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203, EVJ204 and	sulti-purpose ing 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res SPST, 30 A res SPST, 16 A res SPST, 16 A res SPST, 16 A res SPST, 8 A res SPST, 3 A res SPST, 3 A res SPST, 8 A res SPS	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay nt allowed on the loads in allowed on th	
Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (no EVJ213) Relay K5 (not EVJ204 and EV Relay K6 (or EVJ216) The device guaranteed	available in EV (J214) nly available in arantees double	Input configur digital input (m 6 (5 for EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203 and EVJ203, EVJ204 and insulation betw	sulti-purpose ing 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res SPST, 30 A res SPST, 16 A res SPST, 16 A res SPST, 16 A res SPST, 8 A res SPST, 3 A res SPST, 3 A res SPST, 8 A res SPS	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay nt allowed on the loads in allowed on th	
Dry contact Other inputs Digital outputs Relay K1 Relay K3 Relay K4 (not EVJ213) Relay K5 (not EVJ204 and EV Relay K6 (or EVJ216) The device gua of the componer	available in EV J214) ily available in arantees double ents of the device	Input configur digital input (m 6 (5 for EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203 and EVJ203, EVJ204 and insulation betw	sulti-purpose ing 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res SPST, 30 A res SPST, 16 A res SPST, 16 A res SPST, 16 A res SPST, 8 A res SPST, 3 A res SPST, 3 A res SPST, 8 A res SPS	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay nt allowed on the loads in allowed on th	
Dry contact Other inputs Digital outputs Relay K1 Relay K3 Relay K4 (not EVJ213) Relay K5 (not EVJ204 and EV Relay K6 (or EVJ216) The device gua of the component	available in EV J214) ily available in arantees double ents of the device	Input configur digital input (m 6 (5 for EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203, EVJ204 and insulation between	sulti-purpose ing 5 and EVJ215, VJ213) with elec m total currer SPST, 16 A res. SPST, 30 A res. SPST, 8 A res. SPST, 8 A res. SPST, 3 A res. SPST, 3 A res. SPST, 8 A res.	gue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay nt allowed on the loads in allowed on th	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (not below to be to to	available in EV (J214) ally available in arantees double ents of the device 2 Actions	Input configur digital input (m 6 (5 for EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203, EVJ204 and insulation between	sulti-purpose ing 5 and EVJ215, VJ213) with elect total currer SPST, 16 A res EVJ2?5?2??3? SPDT, 8 A res. SPST, 16 A res. SPST, 3 A res. SPST, 3 A res. SPDT, 8 A res. SPDT	Jue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay int allowed on the loads in allowed on allowed on the loads in a	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (not EVJ213) Relay K5 (not EVJ204 and EV EVJ204 and EV EVJ216) The device gua of the componer type 1 or Type Additional fea actions Displays	available in EV (J214) ally available in arantees double ents of the device 2 Actions	Input configur digital input (m 6 (5 for EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203, EVJ204 and insulation between	sulti-purpose ing 5 and EVJ215, 1/213) with elec m total currer SPST, 16 A res SPST, 30 A res SPST, 16 A res SPST, 8 A res S	Jue input (auxiliary probe) cout) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay Int allowed on the loads in the second sec	
Digital outputs Digital outputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (no EVJ213) Relay K5 (not EVJ204 and EV Relay K6 (or EVJ216) The device gua of the component Type 1 or Type Additional feal actions Displays Alarm buzzer	available in EV 7/2214) hly available in arrantees double ents of the device 2 2 Actions tures of Type	Input configur digital input (m 6 (5 for EVJ203 and EV The maximum 24 A EVJ203 and EVJ203, EVJ203, EVJ204 and insulation between	sulti-purpose ing 5 and EVJ215, VJ213) with elect total currer SPST, 16 A res EVJ2?5?2??3? SPDT, 8 A res. SPST, 16 A res. SPST, 3 A res. SPST, 3 A res. SPDT, 8 A res. SPDT	Jue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay int allowed on the loads in allowed on allowed on the loads in a	
Dry contact Other inputs Digital outputs Relay K1 Relay K2 Relay K3 Relay K4 (no EVJ213) Relay K5 (not EVJ204 and EV Relay K6 (or EVJ216) The device gua of the component of	available in EV 7/2214) hly available in arrantees double ents of the device 2 2 Actions tures of Type	Input configur digital input (m 6 (5 for EVJ203 and EV The maximul 24 A EVJ203 and EVJ203, EVJ203, EVJ204 and insulation betwee	sulti-purpose ing 5 and EVJ215, VJ213) with elect m total currer SPST, 16 A res. SPST, 30 A res. SPST, 16 A res. SPST, 16 A res. SPST, 16 A res. SPST, 8 A res. SPST, 8 A res. SPST, 8 A res. SPDT, 8 A r	Jue input (auxiliary probe) obut) 4 for EVJ204 and EVJ214, 3 for tro-mechanical relay int allowed on the loads in allowed on allowed on the loads in a	



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

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