

## MOD : MD12/A7-R2P

Production code : OI120PSVGD116BH

60000

11.

04/2024

**EV3 L series** 

(|) SET

Door switch input.

Controllers for normal and low temperature units.

Cabinet probe and evaporator probe (NTC)

Compressor relay 16 A res. @ 250 VAC.

MEASUREMENTS AND INSTALLATION

Power supply 115 or 230 VAC (according to the model)

Relays

2

2

3

3

Measurements in mm (inches). To be fitted to a panel, snap-in brackets provided

Probes (NTC)

2

2

2

2

75.0 (2 15/16)-

drilling template

TITTI

- 71.0 (2 13/16) 

29.0 (1 1/8)

ENGLISH

Purchasing code

EV3L21N5

EV3L21N7

EV3L22N5

EV3L22N7

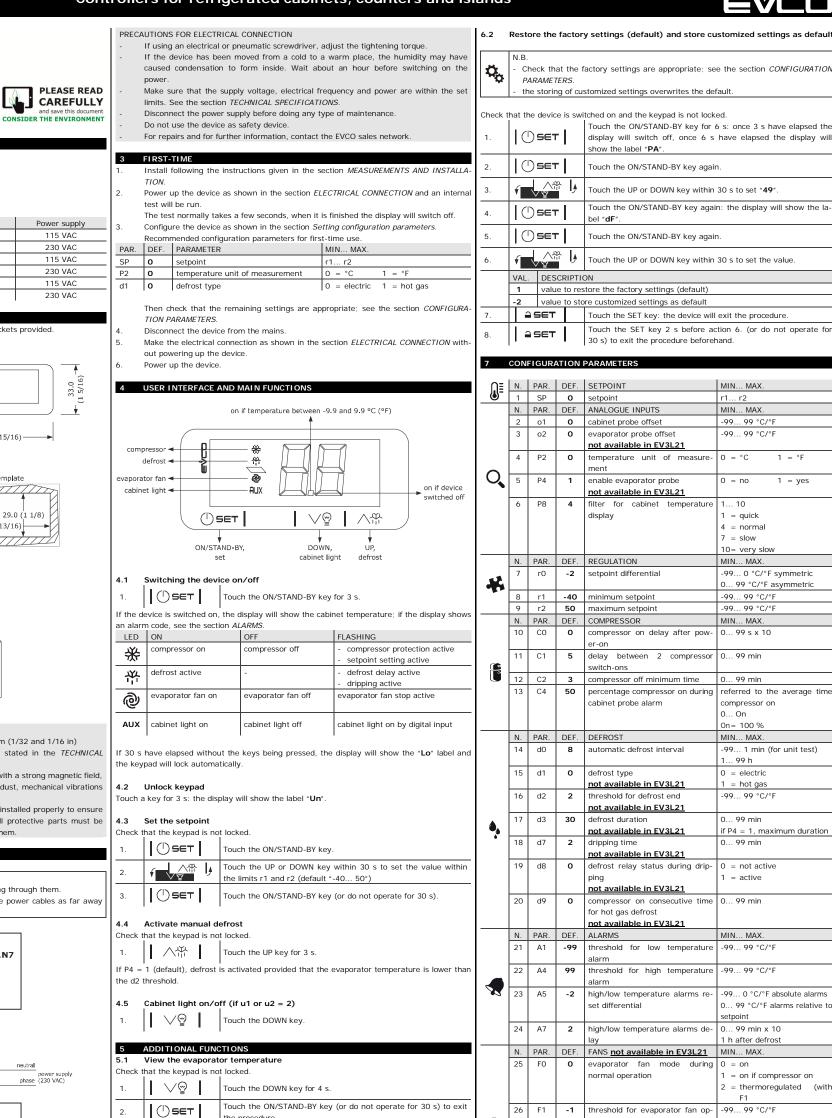
EV3L23N5

EV3L23N7

EV3L21

1

## Controllers for refrigerated cabinets, counters and islands



	N.B.					
n de la comencia de l	- Check that the factory settings are appropriate; see the section CONFIGURATIC					
<b>*</b> 0	PARAMETERS.					
	- the storing of customized settings overwrites the default.					
Check t	hat the	device is swi	tched on and the keypad is not locked.			
			Touch the ON/STAND-BY key for 6 s: once 3 s have elapsed the			
1.	()	SET	display will switch off, once 6 s have elapsed the display will			
	I Ŭ		show the label "PA".			
		I				
2.			Touch the ON/STAND-BY key again.			
		▲				
3.	Touch the UP or DOWN key within 30 s to set "49".					
4.			Touch the ON/STAND-BY key again: the display will show the la-			
4.			bel "dF".			
5.		cct I	Tough the ON/STAND BY you again			
5.			Touch the ON/STAND-BY key again.			
6.		∧\\\}				
б.			Touch the UP or DOWN key within 30 s to set the value.			
	VAL. DESCRIPTION					
	1 value to restore the factory settings (default)					
	-2 value to store customized settings as default					
7.	í a e	SET	Touch the SET key: the device will exit the procedure.			
			Touch the SET key 2 s before action 6. (or do not operate for			
8.		SET	30 s) to exit the procedure beforehand.			

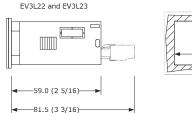


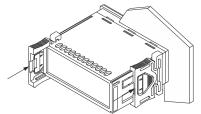
	7	CON	FIGUR	ATION	PARAMETERS	
	∩≡	N.	PAR.	DEF.	SETPOINT	MIN MAX.
	<u> </u>	1	SP	0	setpoint	r1 r2
		Ν.	PAR.	DEF.	ANALOGUE INPUTS	MIN MAX.
		2	01	0	cabinet probe offset	-99 99 °C/°F
		3	02	0	evaporator probe offset not available in EV3L21	-99 99 °C/°F
		4	P2	0	temperature unit of measure-	$0 = °C \qquad 1 = °F$
evice	O,	5	P4	1	ment enable evaporator probe not available in EV3L21	0 = no 1 = yes
ed off		6	P8	4	filter for cabinet temperature display	1 10 1 = quick
						4 = normal 7 = slow
		N.	PAR.	DEF.	REGULATION	10= very slow MIN MAX.
	- 1	7	r0	-2	setpoint differential	-99 0 °C/°F symmetric
	*					0 99 °C/°F asymmetric
		8	r1 r2	-40 50	minimum setpoint	-99 99 °C/°F -99 99 °C/°F
shows		9 N.	PAR.	DEF.	maximum setpoint COMPRESSOR	MIN MAX.
		10	CO	0	compressor on delay after pow-	0 99 s x 10
/e		11	01		er-on	000 min
	C	11	C1	5	delay between 2 compressor switch-ons	0 99 min
		12	C2	3	compressor off minimum time	0 99 min
		13	C4	50	percentage compressor on during cabinet probe alarm	referred to the average tim compressor on 0 On
ıt			DAG	DEE	DEEDOST	On= 100 %
ol		N. 14	PAR. d0	DEF. 8	DEFROST automatic defrost interval	MIN MAX. -99 1 min (for unit test)
el and						1 99 h
		15	d1	0	defrost type not available in EV3L21	0 = electric 1 = hot gas
		16	d2	2	threshold for defrost end not available in EV3L21	-99 99 °C/°F
		17	d3	30	defrost duration	0 99 min
	•	18	d7	2	not available in EV3L21 dripping time	if P4 = 1, maximum duration 0 99 min
		10	u/	2	not available in EV3L21	0 99 11111
vithin		19	d8	0	defrost relay status during drip- ping	0 = not active 1 = active
		20	d9	0	not available in EV3L21 compressor on consecutive time	0 99 min
		20	47		for hot gas defrost not available in EV3L21	0 99 min
		N.	PAR.	DEF.	ALARMS	MIN MAX.
		21	A1	-99	threshold for low temperature	-99 99 °C/°F
r than		22	A4	99	alarm threshold for high temperature	-99 99 °C/°F
		23	A5	-2	alarm high/low temperature alarms re- set differential	-99 0 °C/°F absolute alarms 0 99 °C/°F alarms relative t
		24	A7	2	high/low temperature alarms de-	setpoint 0 99 min x 10
					lay	1 h after defrost
		N. 25	PAR. FO	DEF.	FANS not available in EV3L21 evaporator fan mode during normal operation	MIN MAX. 0 = on 1 = on if compressor on 2 = thermoregulated (with
o exit	_	26	F1	-1	threshold for evaporator fan op-	F1 -99 99 °C/°F
	S	27	F2	0	eration evaporator fan mode during	$\frac{\text{differential} = 1 \text{ °C/2 °F}}{0 = \text{off}}  1 = \text{on}$
		28	F3	2	dripping evaporator fan off time	0 99 min
d the		2	F4	30	evaporator fan off time with compressor off	0 99 s x 10
y will		30	F5	10	evaporator fan on time with compressor off	0 99 s x 10
		N.	PAR.	DEF.	DIGITAL INPUTS	MIN MAX.
de-		31	iO	0	door switch input function options 0 and 2 not available in EV3L21	0 = cabinet light on 1 = compressor + evapora tor fan off, cabinet ligh
	•					on 2 = evaporator fan off, cab
		32	i1	0	door switch input activation	net light on 0 = with contact closed
		33	i2	30	open door alarm delay; also reg-	1 = with contact open -1 99 min
		33	12	30	ulation inhibition maximum time with door open	-1 = disabled
		N.	PAR.	DEF.	DIGITAL OUTPUTS	MIN MAX.
30 s)		34	u1	1	auxiliary output 1 configuration	
	م د				(relay K2) not available in EV3L21	1 = defrost 2 = cabinet light
	X	35	u2	0	auxiliary output 2 configuration	0 = evaporator fan
					(relay K3) not available in EV3L21 and	1 = defrost 2 = cabinet light
		N	PAR.	DEF	EV3L22 SAFETIES	
		N. 36	nS	DEF.	compressor start-up number	MIN MAX. 0 99 x 10,000
	<b>~</b>	30	PS	-19	password	-99 99 min
	[√]	37				
	$\heartsuit$	37				0 = disabilitata



39.5

 $(1 \ 9/16)$ 





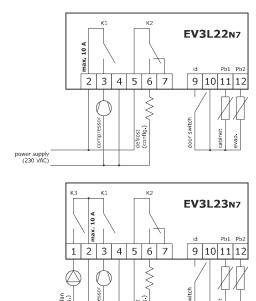
INSTALLATION PRECAUTIONS

- The thickness of the panel must be between 0.8 and 2.0 mm (1/32 and 1/16 in)
- Ensure that the working conditions are within the limits stated in the TECHNICAL SPECIFICATIONS section.
- Do not install the device close to heat sources, equipment with a strong magnetic field, in places subject to direct sunlight, rain, damp, excessive dust, mechanical vibrations or shocks.
- In compliance with safety regulations, the device must be installed properly to ensure adequate protection from contact with electrical parts. All protective parts must be fixed in such a way as to need the aid of a tool to remove them.

## 2 ELECTRICAL CONNECTION

power supply (230 VAC

N.B. 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 cable К1 EV3L21N7 10 A max. 6 7 8 9 10 1 2 3 neutra power supply phase (230 VAC)



6.1	.1 Setting configuration parameters					
Check	that the device is swi	tched on and the keypad is not locked.				
1.		Touch the ON/STAND-BY key for 6 s: once 3 s have elapsed the display will switch off, once 6 s have elapsed the display w show the label " $PA$ ".				
2.		Touch the ON/STAND-BY key again.				
3.		Touch the UP or DOWN key within 30 s to set the PS value (de fault "-19").				
4.		Touch the ON/STAND-BY key: the display will show the lab "SP".				
5.		Touch the UP or DOWN key to select a parameter.				
6.		Touch the ON/STAND-BY key.				
7.		Touch the UP or DOWN key within 30 s to set the value.				
8.	() set	Touch the ON/STAND-BY key.				
9.		Touch the ON/STAND-BY key for 3 s (or do not operate for 30 s to exit the procedure.				

the procedure.

6 SETTINGS

EVCO S.p.A.   EV3 L series   Instruction sheet ver. 1.0   Code 1043L20I103   Page 2 of 2   PT 10/1	18
--	----

8	.p.A.   EV3 L serie: ALARMS	s   Instruction :	511001 1011	.0   Coc	le 1043L2	01103   Page 2 of 2   PT 10/18	
o ALARIVIS							
COD. DESCRIPTION RESET					REMEDIES		
P1	cabinet probe a	net probe alarm automat			<ul> <li>check probe integrity</li> </ul>		
P2					- check electrical connection		
AL	low temperatur		automat automat		check A1		
AH         high temperature alarm         automat           id         open door alarm         automat							
9	TECHNICAL SP	ECIFICATIO	NS				
· · ·	se of the control			Function controller Built-in electronic device			
Construction of the control device Container					Black, self-extinguishing		
Category of heat and fire resistance							
Measurements							
	ixed screw termi			With removable screw terminal blocks: 75.0 x			
	mm (2 15/16 x 1, 75.0 x 33.0 x					m (2 15/16 x 1 5/16 x 2 1/16 I, 75.0 x 33.0 x 81.5 mm (2	
	(2 5/16 in) othe		13/10 X 1			x 3 3/16 in) otherwise	
	ing methods for		evice			a panel, snap-in brackets pro-	
				vided			
Degree ing	e of protection p	provided by t	he cover-	IP65 (	(tront)		
	ction method			I			
	screw terminal	blocks for wi	res up to	Remo	vable scr	ew terminal blocks for wires up	
2,5 mr				· · · · · · · · · · · · · · · · · · ·	mm²; by	y request	
-	um permitted le		ection cabl				
	supply: 10 m (3 inputs: 10 m (3			i		:s: 10 m (32.8 ft) : 10 m (32.8 ft)	
	ting temperature					C (from 32 to 131 °F)	
	je temperature					) °C (from -13 to 158 °F)	
Operat	ting humidity					dity without condensate from	
				10 to	90 %		
Confor	on status of the	control device	<u>)</u>	2			
-	2011/65/CE	WEE	E 2012/19	/EU		REACH (EC) Regulation	
						1907/2006	
	014/30/UE			LVD 2014/35/UE			
Power	supply			230 VAC (+10% -15%), 50/60 Hz (±3 Hz),			
Farthir				max. 3 VA isolated			
Earthing methods for the control device					5 VA 1301		
Rated	impulse-withsta		vice	None 4 KV	5 VA 1301		
			vice	None	J VA 1301		
Over-v	impulse-withsta	nd voltage	vice	None 4 KV III A			
Over-v Softwa	impulse-withsta voltage category	nd voltage	vice	None 4 KV III A - 1 ir	n EV3L21	(cabinet probe)	
Over-v Softwa	impulse-withstar voltage category are class and stru	nd voltage	vice	None 4 KV III A - 1 ir - 2 i	n EV3L21 n EV3L2	2 and EV3L23 (cabinet probe	
Over-v Softwa	impulse-withstar voltage category are class and stru	nd voltage	vice	None 4 KV III A - 1 ir - 2 ir and	n EV3L21 n EV3L2	2 and EV3L23 (cabinet probe tor probe)	
Over-v Softwa	impulse-withstar voltage category are class and stru gue inputs	nd voltage		None 4 KV III A - 1 ir - 2 in and for NT	n EV3L21 n EV3L2 l evapora C probes	2 and EV3L23 (cabinet probe tor probe)	
Over-v Softwa Analog	impulse-withstar voltage category are class and stru gue inputs	nd voltage ucture Sensor type Measuremer		None 4 KV III A - 1 ir - 2 ir and for NT B3435 From	n EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 90	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) ) °C (from -40 to 194 °F)	
Over-v Softwa Analog	impulse-withstar voltage category are class and stru gue inputs	nd voltage ucture Sensor type		None 4 KV III A - 1 ir - 2 ir and for NT 63435 From - 0.1	n EV3L21 n EV3L2 d evapora c probes 5 (10 KΩ -40 to 90 °C (0.1	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9	
Over-v Softwa Analog NTC pr	impulse-withstar voltage category are class and stru gue inputs	nd voltage ucture Sensor type Measuremer		None 4 KV 111 A - 1 ir - 2 in anc for NT 63435 From - 0.1 - 1 °	n EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 90 °C (0.1 C (1 °F) 6	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 otherwise	
Over-v Softwa Analog NTC pr	impulse-withstar voltage category are class and stru gue inputs robes	nd voltage ucture Sensor type Measuremer	nt field	None 4 KV 111 A - 1 ir - 2 in and for NT 63435 From - 0.1 - 1 °C 1 dry	n EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 90 °C (0.1 C (1 °F) 6	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 otherwise door switch)	
Over-v Softwa Analog NTC pr Digital Dry co	impulse-withstar voltage category are class and stru gue inputs robes inputs ontact	nd voltage ucture Sensor type Measuremer Resolution	nt field	None 4 KV III A - 1 ir - 2 ir and for NT B3435 From - 0.1 - 1 °C 1 dry 5 VDC None	h EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 90 °C (0.1 C (1 °F) α contact ( C, 1.5 mA	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch)	
Over-v Softwa Analog NTC pr Digital Dry co	impulse-withstar voltage category are class and stru gue inputs robes	nd voltage Jucture Sensor type Measuremer Resolution Contact type	nt field	None 4 KV III A - 1 ir - 2 ir and for NT 63435 From - 0.1 - 1 °C 1 dry 5 VDC None - 1 ir	n EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 90 c (0.1 C (1 °F) c contact ( c, 1.5 mA	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 otherwise door switch) (K1)	
Over-v Softwa Analog NTC pr Digital Dry co	impulse-withstar voltage category are class and stru gue inputs robes inputs ontact	nd voltage Jucture Sensor type Measuremer Resolution Contact type	nt field	None 4 KV III A - 1 ir - 2 ir anc for NT B3435 From - 0.1 - 1 °C 1 dry 5 VDC None - 1 ir - 2 i	h EV3L21 h EV3L2 d evapora C probes is (10 KΩ -40 to 90 °C (0.1 C (1 °F) ( contact ( C, 1.5 mA h EV3L21 h EV3L22	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 otherwise door switch) (K1) (K1 and K2)	
Over-v Softwa Analog NTC pr Digital Dry co	impulse-withstar voltage category are class and stru gue inputs robes inputs ontact	nd voltage Jucture Sensor type Measuremer Resolution Contact type	nt field	None 4 KV 111 A - 1 ir - 2 ir anc for NT B3435 From - 0.1 - 1 °C 1 dry 5 VDC None - 1 ir - 2 ir - 3 ir - 4 ir - 4 ir - 5 ir - 7 i	h EV3L21 h EV3L2 d evapora C probes is (10 KΩ -40 to 90 °C (0.1 C (1 °F) of contact ( c, 1.5 mA h EV3L21 h EV3L22 h EV3L23	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 otherwise door switch) (K1)	
Over-v Softwa Analog NTC pr Digital Dry co	impulse-withstar voltage category are class and stru gue inputs robes inputs ontact	nd voltage Jucture Sensor type Measuremer Resolution Contact type	nt field	None 4 KV III A - 1 ir - 2 ir and for NT B3435 From - 0.1 - 1 °C 1 dry 5 VDC None - 1 ir - 2 ir and - 2 ir - 3 ir electro	h EV3L21 n EV3L2 d evapora <u>C probess</u> <u>5 (10 KΩ</u> -40 to 90 °C (0.1 <u>C (1 °F) c</u> contact ( <u>C</u> , 1.5 mA h EV3L21 h EV3L22 h EV3L23 o-mechai	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) °C (from -40 to 194 °F) °F) between -9.9 and 9.9 otherwise door switch) (K1) (K1 and K2) (K1, K2 and K3)	
Over-v Softwa Analog NTC pr Digital Dry co	impulse-withstar voltage category are class and stru gue inputs robes inputs intact outputs	Sensor type Measuremer Resolution Contact type Protection	nt field	None 4 KV 111 A - 1 ir ir 6 ar 6 r NT 6 ar 6 r NT 6 ar 7 r or 1 dry 5 VDC 7 vDC None - 1 ir - 2 ir 1 dry 5 VDC - 3 ir electri The logads	n EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 90 °C (0.1 C (1 °F) of contact ( C, 1.5 mA n EV3L21 h EV3L22 h EV3L23 h EV3L24 h EV3L24 h EV3L24 h EV3L24 h EV3L25 h EV3L5 h	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays m current allowed on the	
Over-v Softwa Analog NTC pr Digital Dry co Digital Relay	impulse-withstai voltage category are class and stru- jue inputs robes inputs ontact outputs K1 (compressor)	Sensor type Measuremer Resolution Contact type Protection	nt field	None 4 KV III A - 1 iri anc for NT 634355 From - 0.1 1 dry 5 VDC None - 1 iri - 2 ir 1 dry 5 VDC None - 3 ir Hele SPST,	h EV3L21 h EV3L2 d evapora C probes 5 (10 KΩ -40 to 9C °C (0.1 C (1 °F) c contact ( c, 1.5 mA h EV3L21 h EV3L22 h EV3L23 o-mechai maximu is 10 A 16 A res	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays m current allowed on the . @ 250 VAC	
Over-V Softwa Analog NTC pr Digital Dry co Digital Relay Relay	impulse-withstai voltage category are class and stru- jue inputs robes inputs outputs K1 (compressor) K2 (auxiliary out	d voltage icture Sensor type Measuremer Resolution Contact type Protection : put 1, default	nt field	None 4 KV III A - 1 iri ancr for NI 634355 From - 0.1 1 dry 5 VDCP None - 1 iri 5 VDCP None - 1 iri B dry S VDCP S PST, SPDT,	h EV3L21 h EV3L2 d evapora C probes is (10 KΩ -40 to 90 °C (0.1 C (1°F) c contact ( c), 1.5 mA h EV3L21 h EV3L22 h EV3L23 o-mechar maximum is 10 A 16 A ress 8 A res.	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays m current allowed on the	
Over-V Softwa Analog NTC pr Digital Dry co Digital Relay Relay	impulse-withstai voltage category are class and stru- gue inputs robes inputs ontact outputs K1 (compressor) K2 (auxiliary out K3 (auxiliary out	d voltage icture Sensor type Measuremer Resolution Contact type Protection : put 1, default	nt field	None 4 KV III A - 1 iri ancr for NI 634355 From - 0.1 1 dry 5 VDCP None - 1 iri 5 VDCP None - 1 iri B dry S VDCP SPST, SPDT,	h EV3L21 h EV3L2 d evapora C probes is (10 KΩ -40 to 90 °C (0.1 C (1°F) c contact ( c), 1.5 mA h EV3L21 h EV3L22 h EV3L23 o-mechar maximum is 10 A 16 A ress 8 A res.	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays <b>m current allowed on the</b> . @ 250 VAC @ 250 VAC	
Over-V Softwa Analog NTC pr Digital Dry co Digital Relay Relay Relay rator f Type 1	impulse-withstai voltage category are class and stru- gue inputs robes inputs ontact outputs K1 (compressor) K2 (auxiliary out K3 (auxiliary ou an): I or Type 2 Actio	Sensor type Measuremer Resolution Contact type Protection : put 1, default typut 2, defau	nt field e : defrost): ult evapo-	None 4 KV III A - 1 ir 2 i i anc for NT 63435 From - 0.1 1 dry 5 VDC None - 1 ir - 2 ir - 3 ir electro The 1 loads SPST, SPST, SPST, Type	h EV3L21 h EV3L21 d evapora C probes is (10 KΩ °C (0.1 C (1 °F) ( contact ( c), 1.5 mA h EV3L21 h EV3L22 h EV3L23 o-mechan maximu is 10 A 16 A res 8 A res. 5 A res.	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays <b>m current allowed on the</b> . @ 250 VAC @ 250 VAC	
Over-V Softwa Analog NTC pr Digital Dry co Digital Relay Relay Relay Relay Relay Ratay Additic	impulse-withstai voltage category are class and stru- gue inputs robes inputs ontact outputs K1 (compressor) K2 (auxiliary out K3 (auxiliary ou an):	Sensor type Measuremer Resolution Contact type Protection : put 1, default typut 2, defau	nt field e : defrost): ult evapo-	None 4 KV III A - 1 ir i anc for NT B34355 From - 0.1 a 1 ary 5 VDC - 1 ir - 2 ir - 3 ir - 3 ir - 2 ir - 3 ir - 2 ir - 3 ir - 2 ir - 1 ir - 2 ir - 1 ir - 2 ir - 1 ar - 2 ir - 1 ar - 2 ar - 3 ar - 5 SPST, - SPST,	h EV3L21 h EV3L21 d evapora C probes is (10 KΩ °C (0.1 C (1 °F) ( contact ( c), 1.5 mA h EV3L21 h EV3L22 h EV3L23 o-mechan maximu is 10 A 16 A res 8 A res. 5 A res.	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays <b>m current allowed on the</b> . @ 250 VAC @ 250 VAC	
Over-V Softwa Analog NTC pr Digital Dry co Digital Relay Relay Relay Relay rator f Type 1 Additic tions	impulse-withstai voltage category are class and stru- jue inputs robes inputs outputs K1 (compressor) K2 (auxiliary out K3 (auxiliary out an): or Type 2 Actio onal features of	Sensor type Measuremer Resolution Contact type Protection : put 1, default typut 2, defau	nt field e : defrost): ult evapo-	None           4 KV           III           A           - 1 lir           ancrist           for NT           63435           From           - 0.1           1 °r           SPST,           SPST,           SPST,           Type           C	n EV3L21 n EV3L2 d evapora C probes 5 (10 KΩ -40 to 9C °C (0.1 C (1 °F) c contact ( C, 1.5 mA n EV3L21 n EV3L22 n EV3L23 n EV3L21 n EV3L23 n EV3L2	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) 0 °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) hical relays m current allowed on the . @ 250 VAC @ 250 VAC	
Over-V Softwa Analog NTC pr Digital Dry co Digital Relay Relay Relay Relay Relay Ratay Additic	impulse-withstai voltage category are class and stru- jue inputs robes inputs outputs K1 (compressor) K2 (auxiliary out K3 (auxiliary out an): or Type 2 Actio onal features of	Sensor type Measuremer Resolution Contact type Protection : put 1, default typut 2, defau	nt field e : defrost): ult evapo-	None 4 KV III A - 1 ir 1 ir 3 ir 6 VDC - 1 °° 1 dry 5 VDC None - 1 °° 1 dry 5 VDC None - 1 °° SPST, SPDT, SPST, Type C 2 digi	h EV3L21 h EV3L2 d evapora C probes 5 (10 KΩ -40 to 9C °C (0.1 C (1 °F) c contact ( c, 1.5 mA h EV3L21 h EV3L23 h EV3L2	2 and EV3L23 (cabinet probe tor probe) @ 25 °C, 77 °F) o °C (from -40 to 194 °F) °F) between -9.9 and 9.9 therwise door switch) (K1) (K1 and K2) (K1, K2 and K3) nical relays <b>m current allowed on the</b> . @ 250 VAC @ 250 VAC	

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

This document and the solutions contained therein are the intellectual property of EVCO and thus protected by the Italian Intellectual Property Rights Code (CPI). EVCO imposes an absolute ban on the full or partial reproduction and disclosure of the content other than with the express approval of EVCO. The customer (manufacturer, installer or end-user) assumes all responsibility for the configuration of the device. EVCO accepts no liability for any possible errors in this document and reserves the right to make any changes, at any time without prejudice to the essential functional and safety features of the equipment.

