07/2021

# **Mod: MD07/B5-R2**

Production code: OI070PSVND97H



## **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

39.5

 $(1 \ 9/16)$ 

**----** 52.5 (2 1/16) --

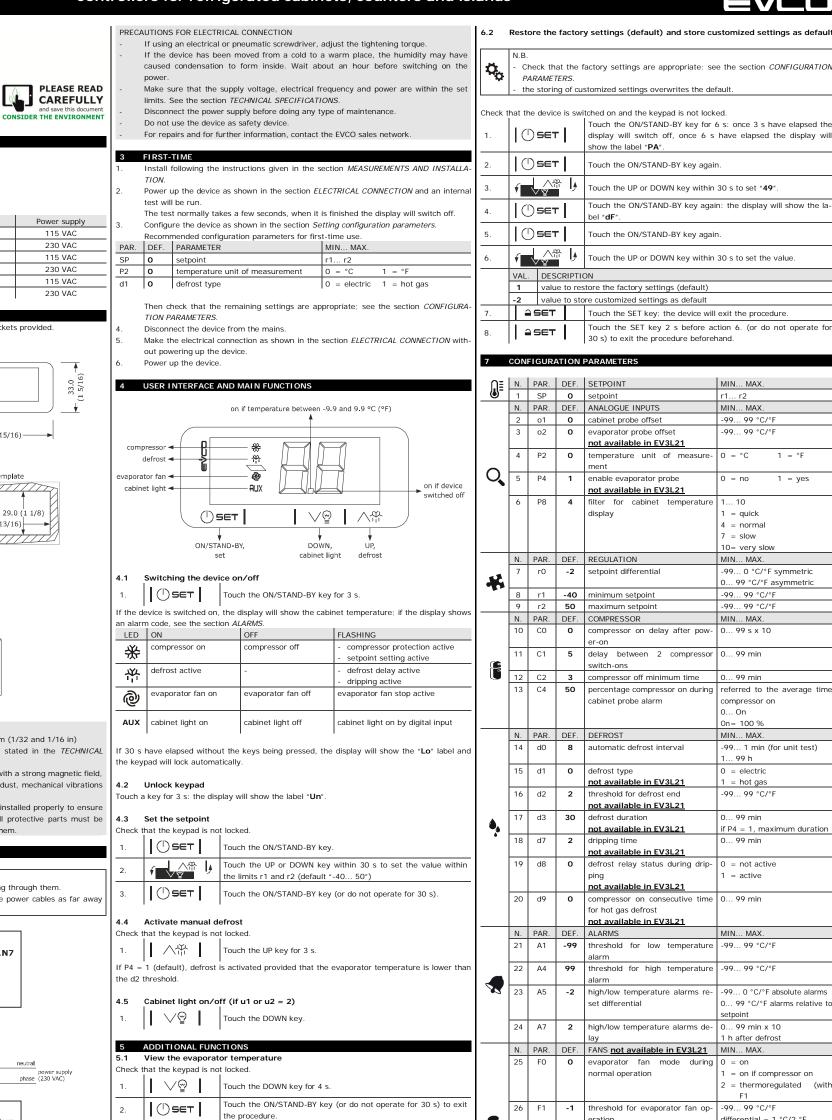
EV3L22 and EV3L23

-59.0 (2 5/16)-

-81.5 (3 3/16)

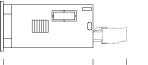
1

### Controllers for refrigerated cabinets, counters and islands



	N.B.						
Q.	<ul> <li>Check that the factory settings are appropriate; see the section CONFIGURATI PARAMETERS.</li> </ul>						
<b>•</b>	<ul> <li>PARAMETERS.</li> <li>the storing of customized settings overwrites the default.</li> </ul>						
	- the storing of cu	stornized settings overwrites the default.					
Check t	that the device is sw	itched 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					
		show the label "PA".					
2.	( <sup>1</sup> ) 567	Touch the ON/STAND-BY key again.					
Z.							
3.		Touch the UP or DOWN key within 30 s to set "49".					
	· ∨₩ ×	1 Todah the of of Down key within 30's to set 49'.					
4.	( <sup>1</sup> ) 567	Touch the ON/STAND-BY key again: the display will show the la-					
		bel "dF".					
5.		Touch the ON/STAND-BY key again.					
6.		Touch the UP or DOWN key within 30 s to set the value.					
	VAL. DESCRIPTI	ON					
	1 value to restore the factory settings (default)						
	-2 value to store customized settings as default						
7.	≙ 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.		30 s) to exit the procedure beforehand.					
7	CONFIGURATION	PARAMETERS					

	<b>®</b> ≣	N. 1	PAR. SP	DEF.	SETPOINT setpoint	MIN MAX. r1 r2
		N.	PAR.	DEF.	ANALOGUE INPUTS	MIN MAX.
		2	o1	0	cabinet probe offset	-99 99 °C/°F
		3	o2	0	evaporator probe offset	-99 99 °C/°F
		4	P2	0	not available in EV3L21 temperature unit of measure-	0 = °C 1 = °F
	$\sim$	_	. 2		ment	
on if device	O,	5	P4	1	enable evaporator probe not available in EV3L21	0 = no 1 = yes
switched off		6	P8	4	filter for cabinet temperature	1 10
					display	1 = quick
						4 = normal 7 = slow
						10= very slow
		Ν.	PAR.	DEF.	REGULATION	MIN MAX.
	1	7	r0	-2	setpoint differential	-99 0 °C/°F symmetric 0 99 °C/°F asymmetric
	-	8	r1	-40	minimum setpoint	-99 99 °C/°F
splay shows		9	r2	50	maximum setpoint	-99 99 °C/°F
		N. 10	PAR. CO	DEF.	COMPRESSOR	MIN MAX. 0 99 s x 10
		10	CU	U	compressor on delay after pow- er-on	0 99 5 X 10
n active e		11	C1	5	delay between 2 compressor	0 99 min
	<u> </u>				switch-ons	
		12 13	C2 C4	3 50	compressor off minimum time	0 99 min
ve		13	64	50	percentage compressor on during cabinet probe alarm	referred to the average time compressor on
						0 On
al input			DAG	DEC	DEEDOCT	On= 100 %
		N. 14	PAR. d0	DEF.	DEFROST automatic defrost interval	MIN MAX. -99 1 min (for unit test)
o" label and				5		1 99 h
		15	d1	0	defrost type	0 = electric
		14	d2	2	not available in EV3L21	1 = hot gas -99 99 °C/°F
		16	a∠	2	threshold for defrost end not available in EV3L21	-77 77 U/T
		17	d3	30	defrost duration	0 99 min
				~	not available in EV3L21	if P4 = 1, maximum duration
		18	d7	2	dripping time not available in EV3L21	0 99 min
alue within		19	d8	0	defrost relay status during drip-	0 = not active
					ping	1 = active
s).			40		not available in EV3L21	0.00 min
		20	d9	0	compressor on consecutive time for hot gas defrost	0 99 min
					not available in EV3L21	
		N.	PAR.	DEF.	ALARMS	MIN MAX.
		21	A1	-99	threshold for low temperature alarm	-99 99 °C/°F
s lower than		22	A4	99	threshold for high temperature	-99 99 °C/°F
					alarm	
	12	23	A5	-2	high/low temperature alarms re- set differential	-99 0 °C/°F absolute alarms 0 99 °C/°F alarms relative to
						setpoint
		24	A7	2	high/low temperature alarms de-	0 99 min x 10
		N.	PAR.	DEF.	lay	1 h after defrost MIN MAX.
		N. 25	F0	DEF.	FANS not available in EV3L21 evaporator fan mode during	0 = on
				-	normal operation	1 = on if compressor on
						2 = thermoregulated (with
0 s) to exit		26	F1	-1	threshold for evaporator fan op-	F1 -99 99 °C/°F
	8				eration	differential = 1 °C/2 °F
		27	F2	0	evaporator fan mode during	0 = off $1 = on$
		28	F3	2	dripping	0 99 min
		28	F3 F4	30	evaporator fan off time evaporator fan off time with	0 99 min 0 99 s x 10
elapsed the display will					compressor off	
		30	F5	10	evaporator fan on time with	0 99 s x 10
	·	N.	PAR.	DEF.	compressor off DIGITAL INPUTS	MIN MAX.
value (d		31	i0	OEF.	door switch input function	0 = cabinet light on
value (de-					options 0 and 2 not available	1 = compressor + evapora
v the label					<u>in EV3L21</u>	tor fan off, cabinet ligh on
	%					2 = evaporator fan off, cabi
						net light on
		32	i1	0	door switch input activation	0 = with contact closed
		33	i2	30	open door alarm delay; also reg-	1 = with contact open -1 99 min
			12	50	ulation inhibition maximum time	-1 = disabled
e.				_	with door open	
9.				DEF.	DIGITAL OUTPUTS	MIN MAX.
ē		N.	PAR.		auxiliary output 1 configuration	0 = evaporator fan
e. te for 30 s)		N. 34	PAR. u1	1	(relay K2)	1 = defrost
					(relay K2) not available in EV3L21	1 = defrost 2 = cabinet light
	*			0	not available in EV3L21 auxiliary output 2 configuration	2 = cabinet light 0 = evaporator fan
	*	34	u1		not available in EV3L21 auxiliary output 2 configuration (relay K3)	2 = cabinet light 0 = evaporator fan 1 = defrost
	*	34	u1		not available in EV3L21 auxiliary output 2 configuration	2 = cabinet light 0 = evaporator fan
	*	34 35 N.	u1 u2 PAR.	O DEF.	not available in EV3L21 auxiliary output 2 configuration (relay K3) not available in EV3L21 and EV3L22 SAFETIES	2 = cabinet light 0 = evaporator fan 1 = defrost 2 = cabinet light MIN MAX.
	×	34 35 N. 36	u1 u2 PAR. nS	O DEF. O	not available in EV3L21 auxiliary output 2 configuration (relay K3) not available in EV3L21 and EV3L22 SAFETIES compressor start-up number	2 = cabinet light 0 = evaporator fan 1 = defrost 2 = cabinet light MIN MAX. 0 99 x 10,000
	*	34 35 N.	u1 u2 PAR.	O DEF.	not available in EV3L21 auxiliary output 2 configuration (relay K3) not available in EV3L21 and EV3L22 SAFETIES	2 = cabinet light 0 = evaporator fan 1 = defrost 2 = cabinet light MIN MAX.



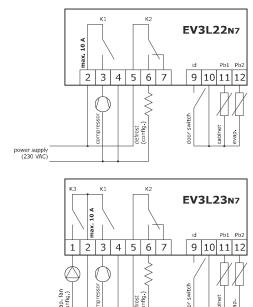
INSTALLATION PRECAUTIONS

- 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	SETTINGS	
6.1	Setting configurat	ion parameters
Check	that the device is swi	itched on and the keypad is not locked.
1.	∣∪́ѕ∈т∣	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 " <b>PA</b> ".
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.	() set	Touch the ON/STAND-BY key.
7.		Touch the UP or DOWN key within 30 s to set the value.
8.		Touch the ON/STAND-BY key.
9.	[]]] ⊜∈⊤	Touch the ON/STAND-BY key for 3 s (or do not operate for 30 to exit the procedure.

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		
COD. DESCRIPTION RESET				REMEDIES				
P1	cabinet probe a	alarm	automatic		<ul> <li>check probe integrity</li> </ul>			
P2	evaporator pro		automat		- check electrical connection			
AL	low temperatur		automat automat		check A1			
	AH         high temperature alarm         automat           id         open door alarm         automat				check A check i0			
9	TECHNICAL SP	ECIFICATIO	NS					
Purpose of the control device Construction of the control device				Function controller Built-in electronic device				
Container				Black, self-extinguishing				
Category of heat and fire resistance								
Measu	rements							
	ixed screw termi					e 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			Relative humidity 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 ir 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 anc 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 - 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 - 1 ir - 2 ir - 2 ir - 2 ir - 3 ir - 2 ir - 3 ir - 2 ir - 3 ir	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 8 vDC 8 vDC 9 ar 1 dry 5 vDC 1 dry 9 ar 1 dry 5 vDC 1 dry 1	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 EV3L21 h EV3L23 h EV3L	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 <b>m current allowed on the</b> . @ 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 Electr The L Loads 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) 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 Electr The L Loads 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 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 - 3 ir - 1 ar - 1 ar - 1 ar - 2 ar - 1 ar - 2 ar - 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.

