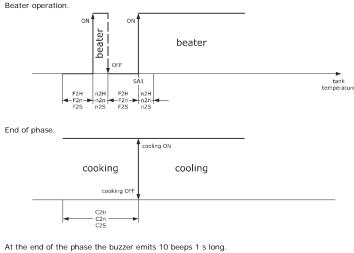


Частное предприятие "Юдилен-Холод" || +375296803378 || https://купизапчасть.бел || Минская обл., Минский р-н, Щомыслицкий с/с, 92/4

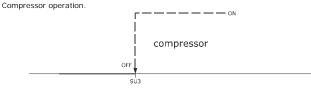
≙ SET

8.

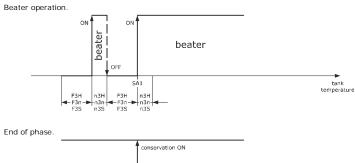


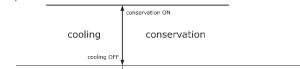
If there is a power failure during the phase, it starts back up again from the beginning.

5.3.3 Cooling



The plate heaters remain off.





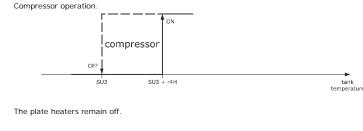
At the end of the phase the buzzer emits 10 beeps 1 s long.

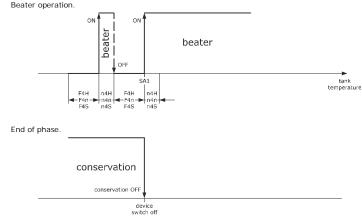
If there is a power failure during the phase: the phase starts back up again from the beginning if (tank temperature after the power

SÚ3

- failure tank temperature before the power failure) < PFd
- the cycle starts back up again from the beginning of the heating phase if (tank tempera ture after the power failure - tank temperature before the power failure) > PFd.

5.3.4 Conservation





If there is a power failure during the phase:

- the phase starts back up again from the beginning if (tank temperature after the power failure - tank temperature before the power failure) < PFd
- the cycle starts back up again from the beginning of the heating phase if (tank temperature after the power failure - tank temperature before the power failure) > PFd.
- Touch the SET key (or take no action for 15 s). Touch the SET key for 4 s (or take no action for 60 s) to exit the 9. **≙** SET procedure 7.2 Restoring factory (default) settings and saving customised settings N.B. Ö_o check that the factory settings are appropriate; see the section CONFIGURATION PARAMETERS. saving customised settings overwrites the factory settings. **≙** SET Touch the SET key for 4 s: the display will show the label "PA". 1 2. **≙** SET Touch the SET key. 3. Touch the UP or DOWN key within 15 s to set the value. VAL. MEANING 149 value for restoring the factory information (default)
 161
 value for saving customised settings

 Touch the SET key (or take no action for 15 s): the display will
 ≙ SET show the label "dEF" (for setting the "149" value) or the label 4 MAP" (for setting the "161" value). ≙ SET Touch the SET key. 5. 6. Touch the UP or DOWN key within 15 s to set the value. Ý 🔤 MEANING VAL. controller with two independent regulators controller for refrigerated milk storage units controller for ice cream batch freezers tank temperature Touch the SET key (or take no action for 15 s): the display will ≙ SET show "- - -" flashing for 4 s, after which the device will exit the 7. procedure. Disconnect the device from the power supply. 8. Touch the SET key for 2 s before action 6 to exit the procedure ≙ SET 9. beforehand. 8 CONFIGURATION PARAMETERS N.B DEF. 1: default values for P10 = 0 DEF. 2: default values for P10 = 1 DEF. 3: default values for P10 = 2 access to parameter P10 causes the restoration of the default values NO. PAR. DEF. 1 DEF. 2 DEF. 3 SETPOINT MIN... MAX 1 SP1 0.0 0.0 --- load 1 setpoint r1... r2 ß 2 SP2 0.0 0.0 load 2 setpoint r7... r8 3 SP3 --- 0.0 --- beater setpoint r16... r17 PAR. DEF. 1 DEF. 2 DEF. 3 ANALOGUE IN- MIN... MAX. NO. PUTS tank temperature 4 CA1 0.0 0.0 0.0 probe 1 offset -25... 25 °C/°F probe 2 offset 5 CA2 0.0 0.0 0.0 -25... 25 °C/°F 6 PO 1 1 1 type of probe 0 = PTC1 = NTC7 P1 1 1 1 enable decimal 0 = no 1 = yes point °C 8 1 = °F P2 0 0 0 temperature $0 = ^{\circ}C$ measurement unit 0 = disabled 9 Ρ3 2 2 probe 1 function 1 = tank probe not visible if P10 2 = regulator 1 3 = condenser probe 10 Ρ4 2 2 probe 2 function 0 = disablednot visible if P10 = 1 = plate probe 2 = regulator 2 Q 3 = condenser probe 11 Ρ5 0 0 0 value displayed 0 = probe 1 temperature 1 = probe 2 temperature 2 = load 1 setpoint 3 = load 2 setpoint 12 P8 5 5 5 display refresh 0... 250 s: 10 time 13 P9 0 0 0 enable quick set- 0 = disabled tings block = setpoint 2 = beater on/off times 3 = beater on/off setpoint + times 14 P10 0 operating logic 0 = controller with two inde-1 2 pendent regulators 1 = controller for refrigerated milk storage units 2 = controller for ice cream batch freezers NO. PAR. DEF. 1 DEF. 2 DEF. 3 REGULATION MIN... MAX. 15 2.0 2.0 1... 15 °C/°F r0 load 1 setpoin - - differential 16 -50 -99 °C/°F... r2 r1 -50 load 1 minimum setpoint 17 r2 50.0 50.0 load 1 maximum r1... 150 °C/°F setpoint 18 r5 0 0 hot or cold mode 0 = cold moderegulation regula-1 = hot modetor 1 19 load 2 setpoint 1... 15 °C/°F 2.0 2.0 r6 - - differential 20 r7 -50 -50 load 2 minimum -99 °C/°F... r8 - - -

		I., IV	инс	KVIVI	р-н,	щомысли	цкий с/с, 92/4
	33	t2		0		beater off delay from compressor	0 240 min
	34	t3		10		off minimum beater on and off time	0 240 s
	NO. 35	PAR. CO	DEF. 1 3	DEF. 2 3	DEF. 3 3	LOADS load 1 on delay	MIN MAX. 0 240 min
	36	C1	5	5	5	from power-on delay between	0 240 min
	37	C2	3	3	3	two load 1 switch- ons load 1 minimum	0 240 min
	38	C3	0	0	0	off time load 1 minimum	0 240 s
	39	C4	10	10		on time load 1 off time in probe 1 alarm	0 240 min if C6 = 2
	40	C5	10	10		load 1 on time in probe 1 alarm	0 240 min if C6 = 2
	41	C6	3	3		load 2 on delay	0 240 min
						from power-on and load 2 mini- mum off time	
	42	C7	0	0		load 2 minimum on time	0 240 s
	43	C8	5	5		delay between two load 2 switch- ons	0 240 min
	44	C10	0	0		load 2 off time in probe 2 alarm	0 240 min if C6 = 2
	45	C11	0	0		load 2 on time in probe 2 alarm	0 240 min if C6 = 2
	46	C13	80.0	80.0		high condensation signal threshold not visible if P10 =	0 199 °C/°F differential = 2 °C/4 °F
	47	C14	90.0	90.0		2 high condensation	0 150 °C/°F
	48	C15	60	60		alarm threshold high condensation alarm delay	0 240 s
	NO.	PAR.	DEF. 1			DEFROSTING (if r5 = 0)	MIN MAX.
	49	d0	8	8		automatic defrost interval regulator 1 and regulator 2	
	50	d3	30	30		defrost duration regulator 1	0 99 min
	51	d4	0	0		enable defrost at power-on	
۵,	52 53	d5 d6	0 2	0 2		defrost delay from power-on value displayed	0 99 min 0 = value P5 (if P5 = 0 or 1)
•						when defrosting	1 = value P5 (if P5 = 0 or 1) at defrost activation
	54	d10	30			defrost duration regulator 2	2 = label dEF 0 99 min
	55	d12	0			constraint be- tween defrost reg-	0 = disabled 1 = regulator defrost is acti-
						ulator 1 and de- frost regulator 2	vated only if defrost of the other regulator is not in progress. If it is, it
	NO.	PAR.	DEF. 1	DEF. 2	DEF. 3	ALARMS	waits for this to end. MIN MAX.
	56	A1	-10.0	-10.0	-10.0	low temperature alarm threshold	-99 150 °C/°F
	57	A2	0	0	0	probe 1 type of low tem- perature alarm	0 = disabled 1 = relative to load 1 setpoint
	58	A4	10.0	10.0	10.0	probe 1 high temperature	2 = absolute -99 150 °C/°F
	59	A5	0	0	0	alarm threshold probe 1 type of high tem-	0 = disabled
						perature alarm probe 1	1 = relative to load 1 setpoint 2 = absolute
	60	A6	12	12	12	high temperature alarm delay probe 1 from power-on	0 99 minx10
	61	A7	15	15	15	high/low tempera- ture alarm delay	0 240 min
	62	A8	15	15	15	probe 1 high temperature	0 240 min
						alarm delay probe 1 after defrosting regulator 1	
	63 64	A10 A11	 -10.0	 -10.0	 -10.0	unused low temperature	- -99 150 °C/°F
-	65	A12	0	0	0	alarm threshold probe 2 type of low tem-	0 = disabled
						perature alarm probe 2	1 = relative to load 2 setpoint 2 = absolute
	66	A14	10.0	10.0	10.0	high temperature alarm threshold probe 2	-99 150 °C/°F
	67	A15	0	0	0	type of high tem- perature alarm	0 = disabled 1 = relative to load 2 setpoint
						probe 2	2 = absolute
	68	A16	12	12	12	high temperature	0 99 minx10
	68	A16 A17	12	12	12	high temperature alarm delay probe 2 from power-on high/low tempera-	0 99 minx10 0 240 min
	69	A17	15	15	15	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2	0 240 min
						alarm delay probe 2 from power-on high/low tempera- ture alarm delay	
	69	A17	15	15	15	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera-	0 240 min
	69 70 71	A17 A18 A19	15 15 2.0	15 15 2.0	15 15 2.0	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset differential	0 240 min 0 240 min 1 15 °C/°F
	69	A17 A18	15 15 2.0	15	15 15 2.0	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset	0 240 min 0 240 min
	69 70 71 NO.	A17 A18 A19 PAR.	15 15 2.0 DEF. 1	15 15 2.0 DEF. 2	15 15 2.0 DEF. 3	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset differential DIGITAL INPUTS door switch/multi- purpose input alarm signal delay maximum com-	0 240 min 0 240 min 1 15 °C/°F MIN MAX.
	69 70 71 NO. 72	A17 A18 A19 PAR. i2	15 15 2.0 DEF. 1 30	15 15 2.0 DEF. 2 30	15 15 2.0 DEF. 3 30	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset differential DIGITAL INPUTS door switch/multi- purpose input alarm signal delay	0 240 min 0 240 min 1 15 °C/°F MIN MAX. 0 120 min
	69 70 71 72 73	A17 A18 A19 PAR. i2 i3	15 15 2.0 DEF. 1 30	15 15 2.0 DEF. 2 30 15	15 15 2.0 DEF. 3 30 15	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset differential DIGITAL INPUTS door switch/multi- purpose input alarm signal delay maximum com- pressor and beater off time with door switch/multi-pur- pose input active	0 240 min 0 240 min 1 15 °C/°F MIN MAX. 0 120 min 0 120 min
	69 70 71 NO. 72	A17 A18 A19 PAR. i2	15 15 2.0 DEF. 1 30	15 15 2.0 DEF. 2 30	15 15 2.0 DEF. 3 30	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset differential DIGITAL INPUTS door switch/multi- purpose input alarm signal delay maximum com- pressor and beater off time with door switch/multi-pur- pose input active door switch/multi- purpose input	0 240 min 0 240 min 1 15 °C/°F MIN MAX. 0 120 min 0 120 min 0 = disabled 1 = compressor off
	69 70 71 72 73	A17 A18 A19 PAR. i2 i3	15 15 2.0 DEF. 1 30	15 15 2.0 DEF. 2 30 15	15 15 2.0 DEF. 3 30 15	alarm delay probe 2 from power-on high/low tempera- ture alarm delay probe 2 high temperature alarm delay probe 2 after defrosting regulator 2 high/low tempera- ture alarm reset differential DIGITAL INPUTS door switch/multi- purpose input alarm signal delay maximum com- pressor and beater off time with door switch/multi-pur- pose input active door switch/multi-	0 240 min 0 240 min 1 15 °C/°F MIN MAX. 0 120 min 0 120 min 0 = disabled

6		ONAL FUN	
6.1		• •	eratures detected by the probes
Check	that the	keypad is no	t locked. I
1.	4		Touch the DOWN key for 4 s.
2.	Ý,		Touch the UP or DOWN key within 15 s to select a label.
	LAB.	DESCRIPTI	ON
	Pb1	probe 1 ten	nperature
	Pb2	probe 2 ten	nperature
3.	A 9	5€⊤	Touch the SET key.
4.			Touch the ON/STAND-BY key (or take no action for 60 s) to exit the procedure.
	1		the procedure.
7	SETTIN	IGS	
7 7.1			ion parameters
	Setting		ion parameters Touch the SET key for 4 s: the display will show the label * PA *.
7.1	Setting	g configurat	
7.1 1.	Setting	sconfigurat	Touch the SET key for 4 s: the display will show the label "PA".
7.1 1. 2.	Setting	set set	Touch the SET key for 4 s: the display will show the label " PA ". Touch the SET key. Touch the UP or DOWN key within 15 s to set the PAS value (de fault "- 19 ").
 7.1 1. 2. 3. 	Setting	configurat	Touch the SET key for 4 s: the display will show the label " PA ". Touch the SET key. Touch the UP or DOWN key within 15 s to set the PAS value (de fault "- 19 "). Touch the SET key (or take no action for 15 s): the display wi
 7.1 1. 2. 3. 4. 		s configurat	Touch the SET key for 4 s: the display will show the label " PA ". Touch the SET key. Touch the UP or DOWN key within 15 s to set the PAS value (de fault "-19"). Touch the SET key (or take no action for 15 s): the display wi show the label " SP1 ".

					setpoint	
	22	r9	1	1	 enable regulator 2	0 = no 1 = yes
						if P10 = 1
	23	r10	0	0	 hot or cold mode	0 = cold mode
					regulation regula-	1 = hot mode
					tor 2	
4	24	r14		0	 beater mode in	0 = parameter set to t0 and
					normal operation	t1
						1 = parameter set to r19, t0,
						t1 if the beater setpoint
						is not reached
	25	r15		0.5	 beater setpoint	1 15 °C/°F
					differential	
	26	r16		-50	 beater minimum	-99 °C/°F r17
					setpoint	
	27	r17		50	 beater maximum	r16 150 °C/°F
					setpoint	
	28	r19		0	 hot or cold mode	0 = cold mode
					regulation beater	1 = hot mode
	29	r20		0	 beater mode in	0 = off
					beater probe	1 = set to t0 and t1
					alarm	
	30	r21		0	 constraint be-	0 = disabled
					tween beater and	1 = on if compressor on and
					compressor	parameter set to r14
						2 = on if compressor off and
						parameter set to r14
						3 = on if compressor on
	NO.	PAR.		DEF. 2	 BEATER	MIN MAX.
Ľ	31	t0		3	 beater off time	0 240 min
	32	t1		2	 beater on time	0 240 min

setpoint

load 2 maximum r7... 150 °C/°F

21 r8 50.0

50.0

- - -

Частное предприятие "Юдилен-Холод" || +375296803378 || https://купизапчасть.бел || Минская обл., Минский р-н, Щомыслицкий с/с, 92/4

Частное предприятие "Юдилен-Холод" || +375296803378 || https://купизапчасть.бел || Минская обл., Минский р-н, Щомыслицкий с/с, 92/4

EVCOS.	.p.A.	EV3143	Instru	ction she	et ver. 1	.1 Code 1043143E1	ен-Холод" +3	, 020	
	75	i6	0	0	0	switch/multi-pur-	0 = with contact closed 1 = with contact open		100
	76	i7	0	0	0	pose input door switch/multi- purpose input	0 120 min		10
	NO.	PAR.	DEE 1	DEF. 2		alarm activation delay DIGITAL OUT-	MIN MAX.		108
	77	u1	3	0	0	PUTS K1 relay configu-	0 = compressor		10
3.4						ration	1 = plate heaters 2 = beater 3 = load 1 4 = load 2		NO
X	78	u2	4	4	1	K2 relay configu-	5 = alarm as u1		110
	79	u3	5	2	2	ration K3 relay configu-	as u1		
	80	u4	1	1	1	ration enable silencing	0 = no 1 = yes		
	NO.	PAR.		DEF. 2		alarm output BATCH FREEZER	MIN MAX.		11
	81	Snd			30	threshold for neu- tral zone regula- tion during cook- ing	99 150 °C/°F		11:
	82 83	d2n r23			1.0 0.0	neutral zone value minimum plate	0 99.0 °C/°F 0 °C/°F r24		
						setpoint during batch freezing heating and cook- ing		3	11:
	84	r24			130	maximum plate setpoint during	r23 150 °C/°F		
						batch freezing heating and cook- ing			11!
	85	r25			0.0	minimum tank setpoint at end of	0 °C/°F r26		110
						batch freezing heating and batch			11
	86	r26			90.0	freezing cooking setpoint maximum tank	r25 150 °C/°F		NO
		120			,0.0	setpoint at end of batch freezing	125 155 67 1		118
ď						heating and batch freezing cooking			
	87	r27			0.0	setpoint minimum tank	-2 °C/°F r28		110
						setpoint at end of batch freezing			
						cooling and tank setpoint during			120
	88	r28			130	conservation maximum tank setpoint at end of	r27 60 °C/°F		
						batch freezing cooling and tank			12
						setpoint during conservation		4	
	89	SA1			50.0	tank setpoint for beater on or on/off during	-99 150 °C/°F differential = 5 °C/10 °F		12:
	90	PFd			5.0	batch freezing difference in tank	1 25 °C/°F		12:
						temperature after power failure dur-			
						ing batch freezing			124
						cooling or conser-			
	NO.	PAR.	DEF. 1	DEF. 2	DEF. 3	vation due to re- activating heating	MIN MAX.		
	NO. 91	PAR.	DEF. 1	DEF. 2	DEF. 3 2.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential	MIN MAX. 1 25 °C/°F		12!
						vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing			12!
						vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during			NO
	91	r1H			2.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking	1 25 °C/°F		NO 120
						vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking hours beater on during batch			NO
	91	r1H			2.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking	1 25 °C/°F	 ©	NO 120 12 ¹
1	91	r1H n1H			2.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking hours beater on during batch freezing heating seconds beater on	1 25 °C/°F 0 23 h		NO 120 12
1	91 92 93 94	n1H n1H n1n n1S			2.0 0 2	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking hours beater on during batch freezing heating minutes beater on during batch freezing heating seconds beater on during batch freezing heating	1 25 °C/°F 0 23 h 0 59 min 0 59 s	©	NO 120 121 121 120 130
1	91 92 93	n1H n1H			2.0 0 2	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing cooking hours beater on during batch freezing heating seconds beater on during batch freezing heating freezing heating hours beater off during batch	1 25 °C/°F 0 23 h 0 59 min 0 59 s	<u> </u>	NO 120 120 120 130 131 NO 133
1	91 92 93 94	n1H n1H n1n n1S			2.0 0 2	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing cooking hours beater on during batch freezing heating seconds beater on during batch freezing heating seconds beater on during batch freezing heating	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 23 h	 □ □	NO 120 121 122 122 130 133 NO
1	91 92 93 94 95	n1H n1H n1S F1H			2.0 0 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking hours beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 23 h	<u> </u>	NO 120 120 120 130 133 133 133
1	91 92 93 94 95 96	n1H n1n n1S F1H			2.0 0 2 0 2 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing cooking and plate setpoint during batch freezing cooking batch freezing heating minutes beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s 0 59 s 0 59 s	<u> </u>	NO 120 120 120 130 133 NO 133 133
1	91 92 93 94 95 96 97 NO.	n1H n1n n1S F1H F1S PAR.	 DEF. 1	 DEF. 2	2.0 0 2 0 2 0 DEF. 3	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing batch freezing cooking hours beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING	1 25 *C/*F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 s MIN MAX.		NO 120 121 120 120 120 132 133 133
1	91 92 93 94 95 96 97	r1H n1H n1n F1H F1R			2.0 0 2 0 2 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing batch freezing hours beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING	1 25 *C/*F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 min 0 59 s MIN MAX.	<u> </u>	NO 120 121 120 120 120 132 133 133
1	91 92 93 94 95 96 97 NO.	n1H n1n n1S F1H F1S PAR.	 DEF. 1	 DEF. 2	2.0 0 2 0 2 0 DEF. 3	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing cooking hours beater on during batch freezing heating minutes beater on during batch freezing heating seconds beater off during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating cooking and plate setpoint during	1 25 *C/*F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 min 0 59 s MIN MAX.		NO 120 121 122 130 NO 133 133 133 133
1	91 92 93 94 95 96 97 NO.	n1H n1n n1S F1H F1S PAR.	 DEF. 1	 DEF. 2	2.0 0 2 0 2 0 DEF. 3	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing batch freezing minutes beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING plate setpoint dur- ing batch freezing cooking and plate setpoint during batch freezing cooking ing freezing batch freezing	1 25 *C/*F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 min 0 59 s MIN MAX.		NO 120 121 121 122 130 NO 133 133 133 133 133
1	91 92 93 94 95 96 97 98	n1H n1n n1S F1H F1S PAR. SPC	 DEF. 1	 DEF. 2	2.0 0 2 0 2 0 0 DEF. 3 30.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing hours beater on during batch freezing heating seconds beater on during batch freezing heating seconds beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating batch FREEZING COOKING	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s MIN MAX. r23 r24		NO 12e 12e 12e 12e 13e NO 13e NO 13e 13e 13e 13e 13e 13e 13e 13e 13e
1	91 92 93 94 95 96 97 98	n1H n1n n1S F1H F1S PAR. SPC	 DEF. 1	 DEF. 2	2.0 0 2 0 2 0 0 DEF. 3 30.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing hours beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING plate setpoint dur- ing batch freezing cooking and during batch freezing at ank setpoint at end of batch freezing heating and tank setpoint during batch	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s MIN MAX. r23 r24		NO 120 121 121 122 130 NO 133 133 133 133 133
1	91 92 93 94 95 96 97 98	n1H n1n n1S F1H F1S PAR. SPC	 DEF. 1	 DEF. 2	2.0 0 2 0 2 0 0 DEF. 3 30.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing batch freezing nours beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING plate setpoint dur- ing batch freezing cooking and plate setpoint during batch freezing cooking tank setpoint at end of batch freezing heating and tank setpoint during batch	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 s 0 59 s 0 59 s 0 59 s 1 59 s 0 59 s 0 59 s 0 59 s 1 724 r25 r26		NO 121 121 121 131 133 133 133 133 133 133 133 133 133 133 133 133
	91 92 93 94 95 96 97 98 98 99	n1H n1n n1S F1H F1S PAR. SPC SU2	 DEF. 1 	 DEF. 2 	2.0 0 2 0 2 0 0 0 2 0 0 0 2 0 0 0 0 2 0 0 30.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing batch freezing batch freezing batch freezing batch freezing batch freezing batch freezing heating minutes beater on during batch freezing heating seconds beater onf during batch freezing heating batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING BATCH FREEZING cooking and plate setpoint during batch freezing and tank setpoint at freezing cooking at ank differential setpoint during batch freezing	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 s 0 59 s 0 59 s 0 59 s 1 59 s 0 59 s 0 59 s 0 59 s 1 724 r25 r26		NO 121 121 121 131 133 133 133 133 133 133 133 133 133 133 133 133
1	91 92 93 94 95 96 97 98 98 99	n1H n1n n1S F1H F1S PAR. SPC SU2	 DEF. 1 	 DEF. 2 	2.0 0 2 0 2 0 0 0 2 0 0 0 2 0 0 0 0 2 0 0 30.0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing heating and plate setpoint during batch freezing hours beater on during batch freezing heating seconds beater onf during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING plate setpoint during batch freezing cooking and plate setpoint during batch freezing cooking batch freezing heating cooking and plate setpoint during batch freezing batch freezing cooking and plate setpoint during batch freezing cooking and plate setpoint during batch freezing cooking batch freezing heating and tank setpoint at end of batch freezing cooking	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F		NO 121 121 121 131 133 NO 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133
	91 92 93 94 95 96 97 98 98 99 99	r1H n1H n1n F1H F1R F1S PAR. SPC		 DEF. 2	2.0 0 2 0 2 0 0 2 0 0 2 0 0 2 0 30.0 30.	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing hours beater on during batch freezing heating seconds beater on during batch freezing heating hours beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating batch FREEZING COOKING plate setpoint dur- ing batch freezing cooking and during batch freezing and tank setpoint at end of batch freezing heating batch freezing cooking and plate setpoint during batch freezing cooking and tank setpoint during batch freezing cooking and tank setpoint at end of batch freezing cooking tank differential setpoint during batch freezing cooking atach freezing cooking and tank setpoint	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F		NO 121 121 121 131 133 NO 133 133 133 133 133 133 133 133 133 133 133
	91 92 93 94 95 96 97 98 97 98 99 99 100 101	r1H n1H n1n f1H f1H f1H F1S F1S SPC SU2 SU2 C2H	 DEF. 1 	 DEF. 2 	2.0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 2 0 0 0 0 2 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing hours beater on during batch freezing heating seconds beater on during batch freezing heating seconds beater on during batch freezing heating minutes beater on during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating batch freezing cooking and plate setpoint during batch freezing cooking and plate setpoint during batch freezing cooking and plate setpoint during batch freezing cooking and plate setpoint during batch freezing cooking and tank setpoint at end of batch freezing cooking ath differential setpoint during batch freezing cooking tank differential setpoint during batch freezing cooking tank differential setpoint in hours of batch freezing cooking to batch freezing cooking tank freezing cooking tank differential setpoint in hours of batch freezing cooking tank freezing cooking tank differential setpoint in hours of batch freezing cooking tank freezing cooking tank differential setpoint in hours of batch freezing cooking	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F 0 23 h	CODE Pr1 Pr2 rtc	NO 121 121 121 121 131 NO 133 NO 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 DE pro pro un
	91 92 93 94 95 96 97 98 98 99 99 100	r1H n1H n1n F1H F1R F1R F1R F1R F1S F1S F1S F1S F1S F1S F1S F1S F1S F1S	 DEF. 1 	 DEF. 2 	2.0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 2 0 0 0 0 2 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing batch freezing minutes beater on during batch freezing heating seconds beater on during batch freezing heating batch setpoint during batch setpoint during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating batch freezing cooking and plate setpoint during batch freezing cooking tank setpoint at end of batch freezing heating and tank setpoint during batch freezing cooking tank differential setpoint during batch freezing cooking tank differential setpoint during batch freezing cooking tank differential setpoint during batch freezing cooking duration in hours of batch freezing cooking duration in sec- onds of batch	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 min 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F 0 23 h	e e e e e e e e e e e e e e e e e e e	NO 121 121 121 131 133 134 DE pro pro pro pro
	91 92 93 94 95 96 97 98 97 98 99 99 100 101	r1H n1H n1n f1H f1H f1H F1S F1S SPC SU2 SU2 C2H	DEF. 1	 DEF. 2 	2.0 0 2 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 2 0 0 0 2 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing heating and plate setpoint during hours beater on during batch freezing heating seconds beater on during batch freezing heating seconds beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING plate setpoint dur- ing batch freezing cooking and plate setpoint during batch freezing cooking in tours freezing cooking and tank setpoint at end of batch freezing cooking atank differential setpoint during batch freezing cooking atank differential setpoint in hours of batch freezing cooking in finantes of batch freezing cooking duration in ker- onds of batch freezing cooking hours beater on hinutes of batch freezing cooking	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F 0 59 min 0 59 min 0 59 s	Image: Control of the second secon	NO 121 121 121 131 133 134 DE pro un low
	91 92 93 94 95 96 97 98 98 99 99 100 101 102 103	r1H n1H n1n F1H F1R F1R F1R F1R F1R F1R F1R F1R C2H C2H	 DEF. 1 	 DEF. 2 	2.0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 2 0 0 0 2 0 0 0 0 2 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing cooking minutes beater on during batch freezing heating seconds beater on during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating BATCH FREEZING COOKING plate setpoint dur- ing batch freezing cooking and plate setpoint during batch freezing cooking and tank setpoint at end of batch freezing heating and tank setpoint at end of batch freezing cooking tank differential setpoint during batch freezing cooking duration in hours of batch freezing cooking duration in hours of batch freezing cooking duration in sec- onds of batch freezing cooking	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 min 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F 0 59 min 0 59 min 0 59 s	Pr1 Pr2 rtc AL1 AH1	NO 121 121 121 131 NO 133 NO 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 135 136 NO 137 138 139 131 131 132 133 131 132 133 133 131 132 133 133 134 135 135 136 137
	91 92 93 94 95 96 97 98 97 98 99 99 100 101 102 103	r1H n1H n1n F1H F1R F1S F1S SPC SU2 SU2 C2H C2H C2H	DEF. 1	DEF. 2	2.0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 0 1 0 0 0 0	vation due to re- activating heating BATCH FREEZING HEATING plate differential setpoint during batch freezing heating and plate setpoint during batch freezing hours beater on during batch freezing heating seconds beater on during batch freezing heating seconds beater on during batch freezing heating freezing heating minutes beater off during batch freezing heating minutes beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating seconds beater off during batch freezing heating batch freezing cooking and plate setpoint during batch freezing cooking and tank setpoint at end of batch freezing cooking and tank setpoint during batch freezing cooking and tank setpoint during batch freezing cooking tank differential setpoint during batch freezing cooking duration in hours of batch freezing cooking duration in sec- onds of batch freezing cooking duration in sec- onds of batch freezing cooking duration in sec- onds of batch freezing cooking duration in sec- onds of batch freezing cooking	1 25 °C/°F 0 23 h 0 59 min 0 59 s 0 59 s 0 59 s 0 59 s MIN MAX. r23 r24 r25 r26 1 25 °C/°F 0 59 min 0 59 min 0 59 s 0 59 s 0 59 min 0 59 s 0 59 min 0 59 s 0 59 min 0 59 s 0 23 h	Image: Control of the second secon	NO 121 121 121 121 131 NO 133 NO 133 133 133 133 133 133 133 133 133 134 DE pro pro pro pro low pro low

JZ3	000		- 1	•				сть.бел Минс
	106	n2S			0	seconds be during	ater on batch	0 59 s
	107	F2H			0	freezing co hours bea	-	0 23 h
						during freezing co	batch	
	108	F2n			2	minutes be during		0 59 min
	100	500				freezing co	oking	
	109	F2S			0	seconds be during	batch	0 59 s
	NO.	PAR.	DEF. 1	DEF. 2	DEF. 3	freezing co BATCH FR		MIN MAX.
	110	SU3			30.0	COOLING tank setp	oint at	r27 r28
						end of freezing	batch cooling	
						and tank s during	~	
						freezing co		
	111	SA3			10.0			0 25 °C/°F
						beater on of batch f		
	112	n3H			0	cooking hours bea	ter on	0 23 h
ď						during freezing co	batch oling	
3	113	n3n			2	minutes be during	ater on batch	0 59 min
	114	n3S			0	freezing co seconds be	oling	0 59 s
	114	1155			Ū	during freezing co	batch	0 37 3
	115	F3H			0	hours bea	ter off	0 23 h
						during freezing co	-	
	116	F3n			2	minutes be during	ater off batch	0 59 min
	117	F3S			0	freezing co seconds be		0 59 s
						during freezing co	batch oling	
	NO.	PAR.	DEF. 1	DEF. 2	DEF. 3		EEZING	MIN MAX.
	118	r4H			2.0	tank diff	erential	1 25 °C/°F
							during reezing	
	119	n4H			0	conservation hours bea		0 23 h
						during batch freezing conserva-		
	120	n4n			2	tion		0 59 min
						during batch freezing conserva-		
দা	121	n4S			0	tion seconds be		0 59 s
4	121	1145			0	during	batch	0 59 5
						freezing co tion		
	122	F4H			0	hours bea during	ter off batch	0 23 h
						freezing co tion	nserva-	
	123	F4n			2	minutes be during	ater off batch	0 59 min
				0		freezing co tion	nserva-	
	124	F4S			0	seconds beater off during batch		0 59 s
						freezing co tion		
	125	F4C			0	beater mo ing batch f		0 = independent on the com- pressor
						conservatio	-	1 = on if compressor on, ac-
								cording to n4 and F4 if compressor off
	NO. 126	PAR. HE4	DEF. 1 60	DEF. 2 0	DEF. 3 0	SECURITY timeout fo	r lock-	MIN MAX. 0 240 s
~	127	POF	1	1	1	ing the key enable	pad	0 = no 1 = yes
\bigtriangledown						ON/STAND key	-BY	
	128 129	PAS PA1	-19 	-19 	-19 	password unused		-99 999 -
_	130 NO.	PA2 PAR.				unused UNUSED		- MIN MAX.
9	131	Hr0				unused		-
-	NO. 132	PAR. rE0	DEF. 1 15	DEF. 2 15	DEF. 3 15	UNUSED data-logge		MIN MAX. 0 240 min
60	133	rE1	1	1	1	pling interval recorded temper-		0 = none 1 = probe 1
						ature		2 = probe 2 3 = all
								MIN MAX.
	NO. 134	PAR. LA	DEF. 1 247	DEF. 2 247	DEF. 3 247	MODBUS MODBUS a	ddress	1 247
						MODBUS a MODBUS	ddress baud	1 247 0 = 2,400 baud
	134	LA	247	247	247	MODBUS a		1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud
ld	134	LA Lb	247	247	247	MODBUS a MODBUS rate serial port	baud config-	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free
Id	134	LA Lb	247 2	247 2	247 2	MODBUS a MODBUS rate	baud config-	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA
ld	134	LA Lb	247 2	247 2	247 2	MODBUS a MODBUS rate serial port uration fo	baud config-	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or
ld	134	LA Lb	247 2 1	247 2 1	247 2 1	MODBUS a MODBUS rate serial port uration fo	baud config- r con-	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network
Id	134 135 136 NO.	LA Lb bLE PAR.	247 2 1 DEF. 1	247 2 1 DEF. 2	247 2 1 DEF. 3	MODBUS a MODBUS rate serial port uration fc nectivity SECURITY	baud config- r con- buzzer when	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX.
Ъ	134 135 136 NO.	LA Lb bLE PAR.	247 2 1 DEF. 1	247 2 1 DEF. 2	247 2 1 DEF. 3	MODBUS a MODBUS rate serial port uration fo nectivity SECURITY duration of activation	baud config- r con- buzzer when ached	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled
Ы С	134 135 136 NO. 137	LA Lb bLE PAR. bu1	247 2 1 DEF. 1	247 2 1 DEF. 2 0	247 2 1 DEF. 3	MODBUS a MODBUS rate serial port uration fc nectivity SECURITY duration of activation setpoint re	baud config- r con- buzzer when ached	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only
3	134 135 135 136 NO. 137	LA Lb bLE PAR. bu1	247 2 1 DEF. 1	247 2 1 DEF. 2 0	247 2 1 DEF. 3	MODBUS a MODBUS rate serial port uration fc nectivity SECURITY duration of activation setpoint re	baud config- r con- buzzer when ached	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only
<i>⊽</i>	134 135 135 136 NO. 137 138	LA Lb bLE PAR. bu1 Pbu	247 2 1 DEF. 1 	247 2 1 DEF. 2 0	247 2 1 DEF. 3 2	MODBUS a MODBUS rate serial port uration for nectivity SECURITY duration of activation setpoint re enable buz	baud config- r con- buzzer when ached zer	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms
9 CODE Pr1	134 135 136 136 137 138 138 ALAR DE8 prob	LA Lb bLE PAR. bu1 Pbu RMS CRIPTI(pe 1 ala	247 2 1 DEF. 1 3	247 2 1 DEF. 2 0	247 2 1 DEF. 3 2 RES auto	MODBUS a MODBUS rate serial port uration for nectivity SECURITY duration of activation setpoint re enable buz	baud config- r con- r buzzer when ached zer TO COR - checl	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms
s CODE	134 135 136 136 137 138 138 ALAR DE8 prob	LA Lb bLE PAR. bu1 Pbu	247 2 1 DEF. 1 3	247 2 1 DEF. 2 0	247 2 1 DEF. 3 2 2 RES auto auto	MODBUS a MODBUS rate serial port uration fc nectivity duration of activation setpoint re enable buz	baud config- r con- buzzer when ached zer <u>TO COR</u> - checl - checl - checc	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms
9 CODE Pr1	134 135 136 136 137 138 138 ALAR DE8 prob	LA Lb bLE bLE bu1 Pbu Pbu CRIPTI(cRIPTI(cRIPTI(critical critica	247 2 1 DEF. 1 3	247 2 1 DEF. 2 0	247 2 1 DEF. 3 2 RES auto auto unu:	MODBUS a MODBUS rate serial port uration fc nectivity duration of activation setpoint re enable buz	baud config- r con- buzzer when ached zer TO COR - checl - checl - checl - checl unused	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms
9 CODE Pr1 Pr2 rtc	134 135 136 136 137 138 138 138 DE8 prob	LA Lb bLE PAR. bu1 Pbu Pbu CRIPTII pe 1 ala ace 2 ala seed temp pe 1	247 2 1 DEF. 1 3	247 2 1 DEF. 2 0 3	247 2 1 DEF. 3 2 RES auto auto m auto	MODBUS a MODBUS rate serial port uration fc nectivity duration of activation setpoint re enable buz	baud config- r con- buzzer when ached zer TO COR - chec - chec - chec check A	 1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms
9 CODE Pr1 Pr2 rtc AL1 AH1	ALAR Prob Prob NO. 137 138 ALAR Prob Prob Now Prob	LA Lb bLE PAR. bu1 Pbu Pbu CRIPTI(ce 1 ala temp 2 ala sed temp 2 ala temp 2 ala temp 2 ala temp 2 ala	247 2 1 DEF. 1 3 ON rm rm perature	247 2 1 DEF. 2 0 3	247 2 1 DEF. 3 2 2 RES auto auto m auto m auto	MODBUS a MODBUS rate serial port uration for nectivity SECURITY duration of activation setpoint re enable buz ET omatic sed omatic	baud config- r con- buzzer when ached zer TO COR - checl - checl - chec check A check A	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms RECT k PO k integrity of the probe k electrical connection .1 and A2 .4 and A5
9 CODE Pr1 Pr2 rtc AL1 AH1 AL2	ALAF NO. 137 138 Prob prob high prob high prob	LA Lb bLE bLE bul Pbu Pbu CRIPTI(ce 1 ala temp te 2 ala temp temp te 2	247 2 1 DEF. 1 3 ON rm rm perature	247 2 1 DEF. 2 0 3	247 2 1 DEF. 3 2 2 RES auto auto m auto m auto	MODBUS a MODBUS rate serial port uration fc nectivity duration of activation setpoint re enable buz ET omatic omatic omatic	baud config- r con- buzzer when ached zer TO COR - check - check - check check A check A	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms RECT k PO k integrity of the probe k electrical connection 1 and A2 4 and A5 11 and A12
9 CODE Pr1 Pr2 rtc AL1 AH1	ALAR DE8 prot DE8 prot low prot low prot high prot	LA Lb bLE pAR. bu1 Pbu Pbu Pbu CRIPTII ve 1 ala ve 2 ala temp ve 1 temp ve 1 temp ve 1 temp ve 2 tem	247 2 1 DEF. 1 3 ON rm rm perature perature	247 2 1 DEF. 2 0 3	247 2 1 DEF. 3 2 RES auto auto m auto m auto m auto	MODBUS a MODBUS rate serial port uration for nectivity SECURITY duration of activation setpoint re enable buz ET omatic sed omatic	baud config- r con- buzzer when ached zer TO COR - check - check - check check A check A	1 247 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud 0 = free 1 = forced for EVconnect or EPoCA 2-99 = EPoCA local network address MIN MAX. 0 240 s 0 = disabled 1 = keys only 2 = alarms only 3 = keys and alarms RECT k integrity of the probe k lectrical connection 1 and A2

PF	power failure alarm		manua		 touch a key check electrical connection 		
сон	high co	ndensation signa	al automatic		check C13		
CSd	-	ndensation alarn			 switch the device off and on check C14 		
iA	multi-pi	urpose input ala	rm automa	tic	check i5 and i6		
it	<u> </u>	switch alarm	automa		1	the device off and	d on
				- check i5 and i6			
10	TECHNI		TIONS				
10	TECHNI	CAL SPECIFICA	ATTONS				
Purpos	se of the	control device:		funct	ion contro	oller.	
Constr	ruction of	the control devi	ce:	built-	in electro	nic device.	
Housir	ng:			black	, self-exti	nguishing.	
Catego	ory of hea	at and fire resist	ance:	D.			
	rements:						
		59.0 mm (2 15				81.5 mm (2 15/16	
		fixed screw tern				plug-in screw terr	
Mount	ing meth	ods for the contr	ol device:	to be vided		a panel, snap-in b	rackets pro-
		ction provided b	y the casing:	IP65	(front).		
-	ection met					1	
	screw terr up to 2.5	minal blocks for mm ²	plug-in screv for wires up			Micro-MaTch conr	nector
			request)				
-		itted length for	connection cat	1	auc la		
		10 m (32.8 ft)				s: 10 m (32.8 ft)	
		0 m (32.8 ft)				10 m (32.8 ft).	°E)
	ting temp ge temper					C (from 32 to 131 °C (from -13 to 1	
	ting humi						
opera					relative humidity without condensate from 10 to 90%.		
Polluti	on status	of the control d	evice:	2.			
Compl	liance:		-			-	
RoHS	2011/65/	50					
	2011/03/	EC	WEEE 2012/	9/EU		REACH (EC) no. 1907/2006	Regulation
	2011/03/ 2014/30/E		WEEE 2012/		2014/35/1	no. 1907/2006	Regulation
EMC 2 Power	:014/30/E supply:	Ü		LVD 2		no. 1907/2006 EU.	Regulation
EMC 2 Power 230 V/	014/30/E supply: AC (+10%	U 6 -15%), 50/60	Hz (±3 Hz), n	LVD 2	A insulate	no. 1907/2006 EU. d in EV3143N7	Regulation
EMC 2 Power 230 V/ 115 V/	2014/30/E supply: AC (+109 AC (+109	U 6 -15%), 50/60 6 -15%), 50/60	Hz (±3 Hz), n Hz (±3 Hz), n	LVD 2 Iax. 2 V/	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7	Regulation
EMC 2 Power 230 V/ 115 V/ Earthin	014/30/E supply: AC (+109 AC (+109 ng metho	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro	Hz (±3 Hz), n Hz (±3 Hz), n Hz device:	LVD 2 lax. 2 V/ lax. 2 V/ none	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7	Regulation
EMC 2 Power 230 V/ 115 V/ Earthin Rated	CO14/30/E supply: AC (+109 AC (+109 ng metho impulse-1	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag	Hz (±3 Hz), n Hz (±3 Hz), n Hz device:	LVD 2 hax. 2 V/ hax. 2 V/ none 4 KV.	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7	Regulation
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v	2014/30/E supply: AC (+10% AC (+10% ng metho impulse-woltage ca	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag ategory:	Hz (±3 Hz), n Hz (±3 Hz), n Hz device:	LVD 2 nax. 2 V/ none 4 KV.	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7	Regulation
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa	O14/30/E supply: AC (+109 AC (+109 ng metho impulse-woltage ca are class a	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure:	Hz (±3 Hz), n Hz (±3 Hz), n Hz device:	LVD 2 hax. 2 V/ hax. 2 V/ none 4 KV. III. A.	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5.	
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-\ Softwa Analog	CO14/30/E supply: AC (+10% AC (+10% ng metho impulse-i voltage ca are class a gue inputs	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure:	Hz (±3 Hz), n Hz (±3 Hz), n Hz device:	LVD 2 ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2).	A insulate A insulate PTC or N	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe	1 and probe
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa	CO14/30/E supply: AC (+10% AC (+10% ng metho impulse-i voltage ca are class a gue inputs	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: s: Type of sensor	Hz (±3 Hz), n Hz (±3 Hz), n ol device: ie:	LVD 2 Hax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY 8	A insulate A insulate PTC or N 31-121 (9	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77	1 and probe °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog	CO14/30/E supply: AC (+10% AC (+10% ng metho impulse-i voltage ca are class a gue inputs	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: s: Type of sensor Measurement	Hz (±3 Hz), n Hz (±3 Hz), n ol device: ie:	LVD 2 ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY & from	A insulate A insulate PTC or N 31-121 (9 -50 to 15	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe	1 and probe °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog PTC pr	CO14/30/E supply: AC (+109 AC (+109 ng metho impulse-v voltage ca are class a gue inputs	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contre withstand voltag ategory: and structure: s: Type of sensor Measurement Resolution:	Hz (±3 Hz), n Hz (±3 Hz), n ol device: e: : : : : iield:	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. III. A. 2 for 2). KTY & from 0.1 °	A insulate A insulate PTC or N 31-121 (9 50 to 15 C (1 °F).	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3	1 and probe °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog	CO14/30/E supply: AC (+109 AC (+109 ng metho impulse-v voltage ca are class a gue inputs	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contre withstand voltag ategory: and structure: s: Type of sensor Measurement Resolution: Type of sensor	Hz (±3 Hz), n Hz (±3 Hz), n ol device: :e: : :: : : : : : : :	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. III. A. 2 for 2). KTY & from 0.1 ° & 8343	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3 2 @ 25 °C, 77 °F)	1 and probe °F) 302 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog PTC pr	CO14/30/E supply: AC (+109 AC (+109 ng metho impulse-v voltage ca are class a gue inputs	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: :e: : :: : : : : : : :	LVD : hax. 2 V/ hax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY & from 0.1 ° B343 from	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3	1 and probe °F) 302 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog PTC pr	014/30/E supply: AC (+109 AC (+109 ng metho impulse-t voltage cc are class a gue inputs robes:	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contre withstand voltag ategory: and structure: s: Type of sensor Measurement Resolution: Type of sensor	Hz (±3 Hz), n Hz (±3 Hz), n ol device: :e: : :: : : : : : : :	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY & from 0.1 ° 6343 from 0.1 °	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3 2 @ 25 °C, 77 °F) 5 °C (from -40 to 3	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-\ Softwa Analog PTC pr NTC pr Digital	014/30/E supply: AC (+109 AC (+109 ng metho impulse-tv voltage ca are class a gue inputs robes: robes:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n I device: e: : : : : : : : : : : : : : : : : :	LVD 2 ax. 2 V/ ax. 2 V/ none 4 KV/ 111. A. 2 from 0.1 ° 6343 from 0.1 ° 1 dry	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3 2 @ 25 °C, 77 °F) 5 °C (from -40 to 3 door switch/multi-	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog PTC pr	014/30/E supply: AC (+109 AC (+109 ng metho impulse-tv voltage ca are class a gue inputs robes: robes:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: :e: : :: : : : : : : :	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY 8 from 0.1 ° 6343 from 0.1 ° 1 dry http://www.	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3 2 @ 25 °C, 77 °F) 5 °C (from -40 to 3	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-\ Softwa Analog PTC pr NTC pr Digital	014/30/E supply: AC (+109 AC (+109 ng metho impulse-tv voltage ca are class a gue inputs robes: robes:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: e: : : : : : : : : : : : : : : : : :	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY 8 from 0.1 ° 6343 from 0.1 ° 1 dry http://www.	A insulate A insulate	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 3 2 @ 25 °C, 77 °F) 5 °C (from -40 to 3 door switch/multi- 5 VDC, 1.5 mA	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V. 115 V. Earthii Rated Over-v Softwa Analog PTC pr DTC pr Digital Dry cc	014/30/E supply: AC (+109 AC (+109 ng metho impulse-tv voltage ca are class a gue inputs robes: robes:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: ie: : : : ield: : : : ield: Type of conta Power supply	LVD 2 ax. 2 V/ ax. 2 V/ ax. 2 V/ A. 2 for 2). KTY 8 from 0.1 ° 8343 from 0.1 ° 1 dry ct:	A insulate A insulate PTC or N B1-121 (9 -50 to 15 C (1 °F). 5 (10 Kii -40 to 10 C (1 °F). contact (no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to : 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-v Softwa Analog PTC pr NTC pr Digital Dry cc	O14/30/E supply: AC (+109 AC (+109 ng metho impulse-to voltage ca are class - gue inputs robes: robes: I inputs: ontact: I outputs:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: e: : : ield: : : ield: Type of conta Power supply Protection:	LVD : ax. 2 V/ ax. 2 V/ ax. 2 V/ A. 4 KV. 111. A. 2 for 2). KTY & from 0.1 °. B343 from 0.1 °. 1 dry tot: :	A insulate A insulate PTC or N 31-121 (9 -50 to 15 C (1 °F). 5 (10 K ± -40 to 10 C (1 °F). contact (relays.	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to : 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V. 115 V. Earthin Rated Over-v Softwa Analog PTC pr Digital	014/30/E supply: AC (+109 AC (+109 ng metho impulse-voltage ca are class a gue inputs robes: robes: l inputs: ontact: l outputs: ay:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: e: : : ield: : : ield: Type of conta Power supply Protection:	LVD : ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY & from 0.1 °. 8343 from 0.1 °. 1 dry act: SPST	A insulate A insulate PTC or N 31-121 (9 -50 to 15 C (1 °F). 5 (10 K g -40 to 10 C (1 °F). c contact (relays. , 16 A res	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to : 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none.	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ Earthii Rated Over Softwa Analog PTC pr Digital Dry cc	014/30/E supply: AC (+109 AC (+109 ng metho are class a gue inputs: robes: robes: l inputs: ontact: l outputs: ay: ay:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: e: : : ield: : : ield: Type of conta Power supply Protection:	LVD : ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY E from 0.1 °. 6343 from 0.1 °. 1 dry tct: SPST SPDT	A insulate A insulate PTC or N 31-121 (9 -50 to 15 C (1 °F). 5 (10 K g -40 to 10 C (1 °F). contact (relays. ; 16 A res.	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to : 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none.	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ Earthii Rated Over Softwa Analog PTC pr Digital Dry cc Digital K1 rel. K2 rel. K3 rela	014/30/E supply: AC (+109 AC (+109 ng metho impulse-v voltage ca are class a gue inputs: robes: robes: l inputs: ntact: ay: ay: ay:	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: : Type of sensor Measurement i Resolution: Type of sensor Measurement i	Hz (±3 Hz), n Hz (±3 Hz), n ol device: e: : : ield: : : ield: Type of conta Power supply Protection:	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY E from 0.1 °. 63433 from 0.1 °. 1 dry t: : : : : : : : : : : : : :	A insulate A insulate PTC or N 31-121 (9 -50 to 15 C (1 °F). 5 (10 K⊡ -40 to 10 C (1 °F). contact (relays. ; 16 A res. ; 5 A res.	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none. . @ 250 VAC @ 250 VAC.	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ Earthii Rated Over Softwa Analog PTC pr Digital Dry cc Digital K1 rel: K2 rel: K3 rel: Type 1	014/30/E supply: AC (+109 AC (+109 ng metho impulse-voltage ca are class a gue inputs robes: robes: l inputs: ontact: l outputs: ay: ay: ay: 1 or Type	U 6 -15%), 50/60 ds for the contro withstand voltag tegory: and structure: s: Type of sensor Measurement 1 Resolution: Type of sensor Measurement 1 Resolution:	Hz (±3 Hz), n Hz (±3 Hz), n I device: ie: : : : : : : : : : : : : : : : : :	LVD : ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY & from 0.1 ° 8343 from 0.1 ° 1 dry ect: SPST SPDT SPST type C.	A insulate A insulate PTC or N 31-121 (9 -50 to 15 C (1 °F). 5 (10 K⊡ -40 to 10 C (1 °F). contact (relays. ; 16 A res. ; 5 A res.	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none. . @ 250 VAC @ 250 VAC.	1 and probe °F) 302 °F) 221 °F)
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-\ Softwa Analog PTC pr Digital Dry cc Digital K1 rela K2 rela K3 rela Type 1	Inputs: Inp	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: 3: Type of sensor Measurement i Resolution: Type of sensor Measurement i Resolution: 2 actions:	Hz (±3 Hz), n Hz (±3 Hz), n I device: ie: : : : : : : : : : : : : : : : : :	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY 8 from 0.1 °/ 8343 from 0.1 °/ 8343 from 0.1 °/ 1 dry act: SPST SPST type C.	A insulate A insulate PTC or N 31-121 (9 -50 to 15 C (1 °F). 5 (10 K contact (contact (relays. , 16 A res. , 5 A res. 1.	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none. . @ 250 VAC @ 250 VAC.	1 and probe °F) 302 °F) 221 °F) purpose).
EMC 2 Power 230 V/ 115 V/ Earthin Rated Softwa Analog PTC pr Digital Dry cc Digital K1 rel: K3 rel: K3 rel: Type 1 Additic	Inputs: Inp	U 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: 3: Type of sensor Measurement i Resolution: Type of sensor Measurement i Resolution: 2 actions:	Hz (±3 Hz), n Hz (±3 Hz), n I device: ie: : : : : : : : : : : : : : : : : :	LVD : ax. 2 V/ ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY 8 from 0.1 °/ 8343 from 0.1 °/ 8343 from 0.1 °/ 1 dry act: SPST SPST type C.	A insulate A insulate PTC or N B1-121 (9 -50 to 15 C (1 °F). 5 (10 Kii -40 to 10 C (1 °F). relays. , 16 A res. , 8 A res. , 5 A res. 1. m display	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to : 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none. 0 @ 250 VAC. @ 250 VAC. @ 250 VAC.	1 and probe °F) 302 °F) 221 °F) purpose).
EMC 2 Power 230 V/ 115 V/ Earthin Rated Over-\ Softwa Analog PTC pr Digital Dry cc Digital Cry cc Digital K1 rela K2 rela K3 rela Type 1 Additic Display	In the second se	U 6 -15%), 50/60 6 -15%), 50/60 ds for the contro withstand voltag ategory: and structure: s: Type of sensor Measurement t Resolution: Type of sensor Measurement t Resolution: 2 actions: res of Type 1 or	Hz (±3 Hz), n Hz (±3 Hz), n I device: ie: : : : : : : : : : : : : : : : : :	LVD : ax. 2 V/ none 4 KV. 111. A. 2 for 2). KTY E from 0.1 °. 6343 from 0.1 °. 1 dry ct: SPST SPDT SPST type C. custo built- 1 TTL	A insulate A insulate PTC or N B1-121 (9 -50 to 15 C (1 °F). 5 (10 K 2 -40 to 10 C (1 °F). contact (relays. , 16 A res. , 5 A res. 1. m display in. MODBUS	no. 1907/2006 EU. d in EV3143N7 d in EV3143N5. TC probes (probe 90 Ω @ 25 °C, 77 0 °C (from -58 to : 2 @ 25 °C, 77 °F) 5 °C (from -40 to : door switch/multi- 5 VDC, 1.5 mA none none. 0 @ 250 VAC. @ 250 VAC. @ 250 VAC.	1 and probe °F) 302 °F) 221 °F) purpose). tion icons. connect app,

N.B. X

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

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.

EVCO S.p.A.



Via Feltre 81, 32036 Sedico (BL) ITALY **Tel.** +39 0437/8422 | **Fax** +39 0437/83648 $\textbf{email} \text{ info} @evco.it \mid \textbf{web} www.evco.it \\$

Частное предприятие "Юдилен-Холод" || +375296803378 || https://купизапчасть.бел || Минская обл., Минский р-н, Щомыслицкий с/с, 92/4