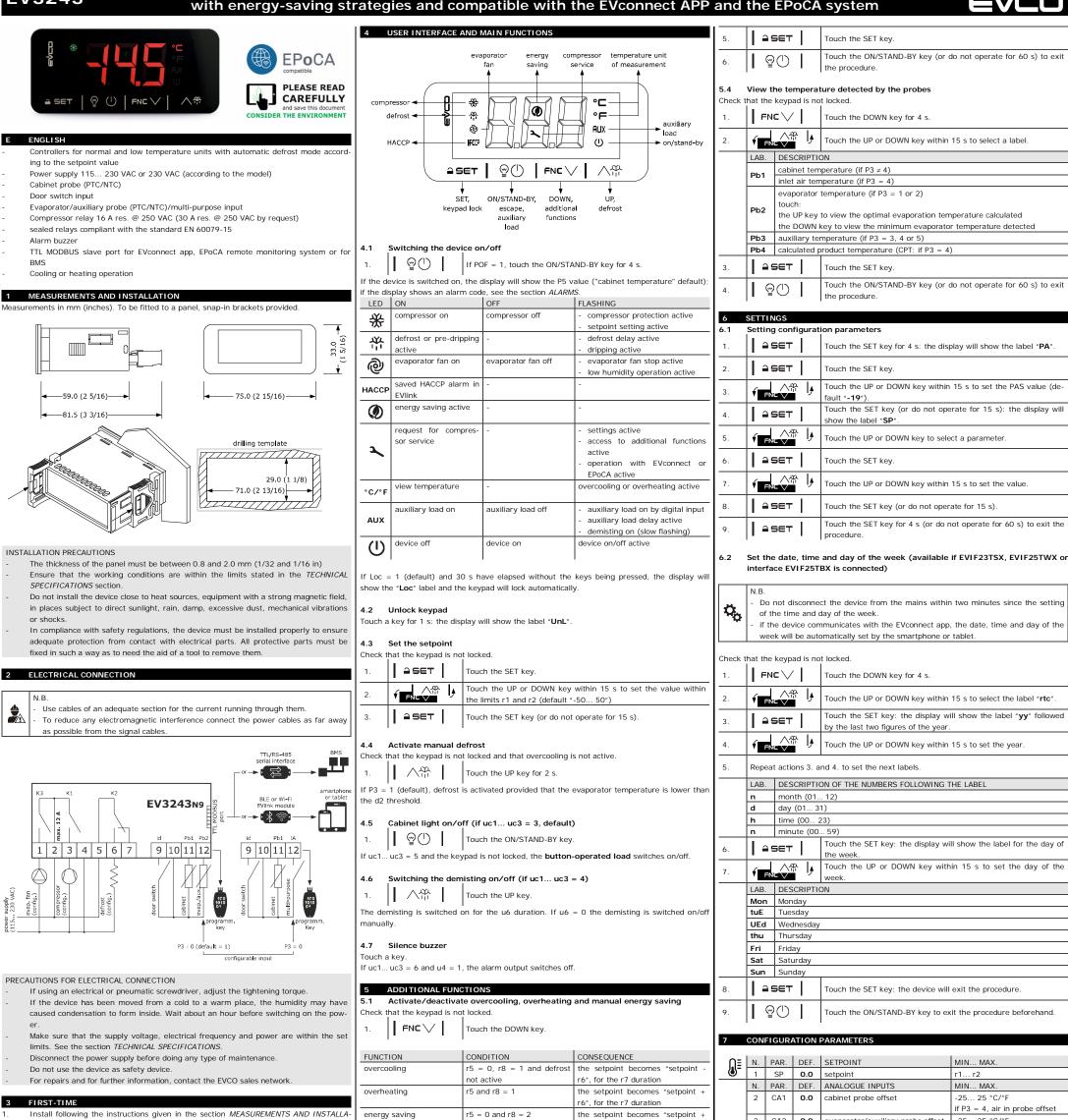
EVCO S.p.A. | EV3243 | Instruction sheet ver. 1.1 | Code 1043243E113 | Page 1 of 2 | PT 46/21

EV3243

Controllers for refrigerated cabinets, counters and islands, with energy-saving strategies and compatible with the EV connect APP and the EPoCA system





		5	
	TION.		
2.	Power u	up the device as shown in the section EL	ECTRICAL CONNECTION and an internal
	test will	be run.	
	The tes	t normally takes a few seconds, when it	is finished the display will switch off.
3.	Configu	re the device as shown in the section Se	tting configuration parameters.
	Recomm	nended configuration parameters for firs	t-time use.
PAR.	DEF.	PARAMETER	MIN MAX.
SD	0.0	sateoint	r1 r2

	SP	0.0	setpoint	r1 r2
	PO	1	probe type	0 = PTC $1 = NTC$
	P2	0	temperature unit of measurement	$O = °C \qquad 1 = °F$
	d00	0	enable parameters type b	$O = °C \qquad 1 = °F$
	d01	0	setpoint threshold to enable parame-	r1 r2
_			ters type b	if SP > d01
	d1	0	defrost type	0 = electric 1 = hot gas
				2 = compressor stopped
	d1b	0	defrost type	0 = electric 1 = hot gas
				2 = compressor stopped

Then check that the remaining settings are appropriate; see the section CONFIGURA-TION PARAMETERS.

Disconnect the device from the mains.

- Make the electrical connection as shown in the section ELECTRICAL CONNECTION without powering up the device.
- For the connection in an RS-485 network connect the interface EVIF22TSX or EVIF23TSX, to activate real time functions connect the module EVIF23TSX, to use the device with the APP EV connect connect the interface EVIF25TBX. To use the device with the EPoCA remote monitoring system, connect the EVIF25TWX module; see the relevant instruction sheets. If EVIF22TSX or EVIF23TSX is used, set parameter bLE

<u>to 0</u>.

Power up the device.

			l	r4", at maximum for HE2 duration
		-	-	n/low humidity operation (if F0 and F0b = 2) t locked.
1.	FN	c∨		Touch the DOWN key for 4 s.
	LAB.	DESCR	IPTIC	DN
	rH_	low hu	midit	y operation (evaporator fan according to F15 and F16 if compres-
		sor off,	on it	f compressor on)
	rH⁻	high hu	umidi	ty operation (evaporator fan on)
2.		SET		Touch the SET key.
3.	∳ FN	∧ ↓	٩	Touch the UP or DOWN key to set "149" (when label "rCH" is selected).
4.	a =	567		Touch the SET key.
5.	9	\bigcirc		Touch the ON/STAND-BY key (or do not operate for 60 s) to exit the procedure.
			•	ressor functioning hours t locked.
1.	FN	⊂∨		Touch the DOWN key for 4 s.
2.	∳ EN	∧∯	٩	Touch the UP or DOWN key within 15 s to select a label.
	LAB.	DESCR	IPTIC	ON
	СН	view co	mpr	essor functioning hours (hundreds)
	rCH	delete	comp	pressor functioning hours
3.	a :	∍e⊤		Touch the SET key.
4.	∳ EN		٨	Touch the UP or DOWN key to set "149" (when label " rCH " is selected).

4" at maximum for HE2 d

		0/12	0.0	oraporator/advinary probe onset	2020 0, 1
	4	PO	1	probe type	0 = PTC $1 = NTC$
	5	P1	1	enable °C decimal point	0 = no 1 = yes
	6	P2	0	temperature unit of measure-	$0 = {}^{\circ}C \qquad 1 = {}^{\circ}F$
				ment	
	7	P3	1	configurable input function	0 = digital input
					1 = defrost + fan
					2 = fan
					3 = condenser probe
\cap					4 = air out probe
U,					5 = critical temperature
					probe
					if P3 = 4, regulation tempera-
					ture = product temperature
					(CPT)
	8	P5	0	value displayed	0 = regulation temperature
					1 = setpoint
					2 = evaporator/auxiliary
					temperature
	9	Ρ7	5	air in weight for calculated prod-	0 10 % x 10
				uct temperature (CPT)	$CPT = \{ [(P7 \times (air in)] +$
					[(100 - P7) x (air out)] :
	10		-		100}
	10 N.	P8	5	display refresh time	0 250 s : 10 MIN MAX.
		PAR.	DEF.	REGULATION	1 15 °C/°F
	11	r0	2.0	setpoint differential	
	12	r1	-50	minimum setpoint	-99 °C/°F r2
dist.	13	r2	50.0	maximum setpoint	r1 199 °C/°F
	14	r4	0.0	setpoint offset in energy saving	0 99 °C/°F
	15	r5	0	cooling or heating operation	0 = cooling
					1 = heating

CA2 0.0 evaporator/auxiliary probe offset -25... 25 °C/°F

3

EVCO S	.p.A. 16	EV3243 r6	0.0	ction sheet ver. 1.1 Code 1043243E1 setpoint offset in overcool-			68	F0b	1
	17	r7	30	ing/overheating overcooling/overheating duration	0 990 min				
	18	r8	0	DOWN key additional function	0 = disabled 1 = overcooling/overheating				
	19	r12	0	position of the r0 differential	2 = energy saving 0 = asymmetric				
	N.	PAR.	DEF.	COMPRESSOR	1 = symmetric MIN MAX.				
	20	CO	0	compressor on delay after pow- er-on	0 240 min				
	21 22	C2 C3	3 0	compressor off minimum time compressor on minimum time	0 240 min 0 240 s		69 70	F1 F1A	-4.0 -5.0
	23	C4	10	compressor off time during cabi- net probe alarm	0 240 min				
	24	C5	10	compressor on time during cabi- net probe alarm	0 240 min		71	F2	0
e	25	C6	80.0	threshold for high condensation warning	0 199 °C/°F differential = 2 °C/4 °F		72	F2b	0
	26	C7	90.0	threshold for high condensation	0 199 °C/°F		73	F3	2
	27	C8	1	alarm high condensation alarm delay	0 15 min		74	F3b	2
	28	C10	0	compressor hours for service	0 999 h x 100 0 = disabled		75	F4	0
	29	C11	0	second compressor switch-on de- lay	0 240 s		76	F5	10
	30	C13	0	number of start-ups for compres- sor rotation	0 10 0 = disabled		77	F7	5.0
	N. 31	PAR. d00	DEF.	DEFROST enable parameters type b	MIN MAX. 0 = no 1 = sì				
	32	d01	1.0	setpoint threshold to enable pa- rameters type b	r1 r2 se SP > d01		78	F9	0
	33	d0	8	automatic defrost interval	0 99 h 0 = only manual		79	F10	10.0
	34	d0b	8	automatic defrost interval	if d8 = 3, maximum interval		80	F11	15.0
	34	uob			0 = only manual		81	F12	30
	35	d1	0	defrost type	if d8 = 3, maximum interval 0 = electric		82 83	F13 F15	2.0 0
					1 = hot gas 2 = compressor stopped		84	F16	1
	36	d1b	0	defrost type	0 = electric 1 = hot gas		N.	PAR.	DEF
	37	d2	8.0	threshold for defrost end	2 = compressor stopped -99 99 °C/°F		85	i0	5
	38 39	d2b d3	8.0 30	threshold for defrost end defrost duration	-99 99 °C/°F 0 99 min				
	40	d3b	30	defrost duration	se P3 = 1, maximum duration 0 99 min				
	41	d4	0	enable defrost at power-on	se P3 = 1, maximum duration 0 = no 1 = yes				
	42 43	d5 d6	0	defrost dealy after power-on value displayed during defrost	0 99 min 0 = regulation temperature				
	43	00		value displayed during denost	1 = display locked 2 = dEF label		86	i1	0
٠,	44	d7	2	dripping time	0 15 min		87	i2	30
	45 46	d7b d8	2 0	dripping time defrost interval counting mode	0 15 min 0 = device on hours		88	i3	15
					1 = compressor on hours 2 = hours evaporator tem-		89	i5	2
					perature < d9 3 = reserved	¢,			
	47	d9	0.0	evaporation threshold for auto-	4 = real time -99 99 °C/°F				
	48	d11	0	matic defrost interval counting enable defrost timeout alarm	0 = no 1 = yes				
					if $d1 = 0$ or 1, enabled with SP < 0, if $d1 = 2$, disabled		90	i6	0
	49	d15	0	compressor on consecutive time for hot gas defrost	0 99 min		91	i7	0
	50	d16	0	pre-dripping time for hot gas de- frost	0 99 min				
	51	d20	180	compressor on consecutive time for defrost	0 999 min 0 = disabled		92	i10	0
	52	d21	200	compressor on consecutive time for defrost after power-on and	0 500 min				
				overcooling	setpoint) > $10^{\circ}C/20^{\circ}F$ 0 = disabled		93	i13	180
	53	d23	10	consecutive time difference d23	0 99 min		94	i14	32
	54	d24	0	for defrost difference "cabinet temperature -	0 99 °C/°F		N.	PAR.	DEF
				evaporator temperature" for de- frost	if for d23		95	uc1	0
	N. 55	PAR. AA	DEF.	ALARMS select value for high/low temper-	MIN MAX. 0 = regulation temperature				
				ature alarms	1 = evaporator temperature 2 = auxiliary temperature				
	56	A1	-10.0	threshold for low temperature alarm	-99 99 °C/°F				
	57	A2	2	low temperature alarm type	0 = disabled 1 = relative to setpoint				
	58	A4	10.0	threshold for high temperature	2 = absolute -99 99 °C/°F				
	59	A5	2	alarm high temperature alarm type	0 = disabled	X	96	uc2	1
					1 = relative to setpoint 2 = absolute		90 97 98	uc2 uc3 u2	2
2	60	A6	12	high temperature alarm delay af- ter power-on	0 99 min x 10			-	
	61	A7	15	high/low temperature alarms de-	0 240 min		99	u4	0
	62	A8	15	lay high temperature alarm delay af-	0 240 min		100	u5	-1.0
	63	A9	15	ter defrost high temperature alarm delay af-	0 240 min		101	u6	5
	64	A10	10	ter door closing power failure duration for alarm	0 240 min		102	u7	-5.0
	65	A11	2.0	recording high/low temperature alarms re-	always records in EVlink 1 15 °C/°F		103 N.	u8 PAR.	2.0 DEF
	66	A12	2.0	set differential water reset warning delay	0 30 days	*	104	HE2	0
	N.	PAR.	DEF.	FANS	0 = disabled MIN MAX.		N.	PAR.	DEF
	67	FO	1	evaporator fan mode during normal operation	0 = off $1 = on2 = according$ to F15 and	* [©]	105 106	H01 H02	0
					F16 if compressor off, on if compressor on				
S)					3 = thermoregulated (with F1 and F1A)		N. 107	PAR. Hd1	DEF
-					4 = thermoregulated (with F1 and F1A) if compres-	٥O	108 109	Hd2 Hd3	h- h-
					sor on 5 = low humidity		110 111	Hd4 Hd5	h- h-
					6 = high humidity		112 N.	Hd6 PAR.	h- DEF
							113	Phu Phu	021

46/21		68	F0b	1	evaporator fan mode during normal operation	0 = off $1 = on2 = according to F15 and$
overheating						F16 if compressor off, on if compressor on 3 = thermoregulated (with
ng						F1 and F1A) 4 = thermoregulated (with F1 and F1A) if compres-
						sor on 5 = low humidity 6 = high humidity
		69 70	F1 F1A	-4.0 -5.0	threshold for evaporator fan off threshold for evaporator fan on	-99 99 °C/°F -99 99 °C/°F if F1A > F1, F1 differential
		71	F2 F2b	0	evaporator fan mode during de- frost and dripping evaporator fan mode during de-	$= 2 \circ C/4 \circ F$ $0 = off \qquad 1 = on$ $2 = according to F0$ $0 = off \qquad 1 = on$
C/4 °F		73	F3	2	frost and dripping evaporator fan off maximum time	2 = according to F0 0 15 min
		74 75	F3b F4	2	evaporator fan off maximum time evaporator fan off time during	0 15 min 0 240 s x 10
		76	F5	10	energy saving evaporator fan on time during energy saving	0 240 s x 10
= sì		77	F7	5.0	threshold for evaporator fan on after dripping (relative to set- point)	-99 99 °C/°F setpoint + F7
		78 79	F9 F10	0 10.0	evaporator fan off delay after compressor off difference "cabinet temperature -	0 240 s if F0 = 2 0 99 °C/°F
um interval		80	F11	15.0	evaporator temperature" for evaporator fan on threshold for condenser fan on	differential = 2 °C/4 °F 0 99 °C/°F
um interval		81 82	F12 F13	30 2.0	condenser fan off delay after compressor off F11 differential	0 240 s 1 15 °C/°F
stopped		83 84	F15 F16	0	evaporator fan off time with compressor off evaporator fan on time with compressor off	0 240 s if F0 = 2 0 240 s if F0 = 2
stopped		N. 85	PAR. i0	DEF. 5	DIGITAL INPUTS door switch input function	$ \begin{array}{l} \text{II FO} = 2 \\ \hline \text{MIN MAX.} \\ 0 = \text{disabled} \\ 1 = \text{compressor} + \text{evapora-} \end{array} $
num duration num duration = yes						 a compressor + evapora- tor fan off a cabinet light on a compressor + evapora- tor fan off, cabinet light
emperature			:1	0		on 5 = evaporator fan off + cabinet light on 0 = with contact closed
		86 87	i1 i2	30	door switch input activation open door alarm delay	1 = with contact closed 1 = with contact open -1 120 min -1 = disabled
ours on hours orator tem-		88 89	i3 i5	15 2	regulation inhibition maximum time with door open door switch/multi-purpose input	-1 120 min -1 = until the closing 0 = disabled
19	¢				function	1 = energy saving 2 = iA alarm 3 = button-operated load on 4 = device on/off 5 = Cth alarm
= yes enabled with , disabled		90	i6	0	door switch/multi-purpose input activation	6 = th alarm 0 = with contact closed 1 = with contact open
		91	i7	0	multi-purpose input alarm delay	-1 120 min -1 = disabled if i5 = 5 or 6, compressor on delay after alarm reset
mperature -		92	i10	0	door closed consecutive time for energy saving	0 999 min after regulation temperature < SP
/20 °F		93	i13	180	number of door openings for de- frost	0 = disabled 0 240 0 = disabled
		94 N.	i14 PAR.	32 DEF.	door open consecutive time for defrost DIGITAL OUTPUTS	0 240 min 0 = disabled MIN MAX.
emperature emperature nperature		95	uc1	0	relay K1 configuration	0 = compressor 1 = defrost 2 = evaporator fan 3 = cabinet light 4 = demisting 5 = button-operated load
etpoint						6 = alarm 7 = door heaters 8 = heater for neutral zone 9 = condenser fan 10= on/stand-by 11= compressor 2
etpoint	×	96 97	uc2 uc3	1	relay K2 configuration relay K3 configuration	12= disabled like uc1 like uc1
		98 99	u2 u2 u4	0	enable cabinet light and button- operated load in stand-by enable alarm output off silencing the buzzer	0 = no 1 = yes manual 0 = no 1 = yes
		100 101	u5 u6	-1.0 5	threshold for door heaters on demisting on duration	-99 99 °C/°F differential = 2 °C/4 °F 0 120 min 0 = solo manuale
EVlink		102 103	u7 u8	-5.0 2.0	neutral zone threshold for heat- ing (relative to setpoint) u7 differential	-99 99 °C/°F setpoint + u7 1 15 °C/°F
		N. 104	PAR. HE2	DEF.	ENERGY SAVING (if r5 = 0) energy saving maximum duration	MIN MAX. 0 999 min -1 = until the door opening
= on	_ 0	N. 105	PAR. H01	DEF.	REAL TIME ENERGY SAVING (if r5 = 0) Daily energy saving time	MIN MAX.
to F15 and ressor off, on or on		106 N.	H02 PAR.	O DEF.	Daily energy saving maximum duration REAL TIME DEFROST (if d8 = 4)	0 24 h MIN MAX.
ated (with ated (with	≜ O	107 108 109	Hd1 Hd2 Hd3	h- h- h-	1st daily defrost time 2nd daily defrost time 3rd daily defrost time	h- = disabled h- = disabled h- = disabled
) if compres-	•	110 111 111	Hd4 Hd5	h- h-	4th daily defrost time 5th daily defrost time	h- = disabled h- = disabled
ty		112 N. 113	Hd6 PAR. Pbu	h- DEF. 2	6th daily defrost time SAFETIES selecting the event for buzzer ac-	h- = disabled MIN MAX. 0 = disabled
	$\overline{\heartsuit}$	114	POF	0	enable ON/STAND-BY key	0 = disabled1 = alarms2 = keys and alarms0 = no1 = yes
		115 116	PAS PA1	-19 426	password level 1 password	-99 999 -99 999
		117	PA2	824	level 2 password	-99 999

Ю	N. 118	PAR. Hr0	DEF.	enable c	VE CLOCK lock			0 = no 1 = yes
	N. 119	PAR. bLE	DEF.	1	OGGING E		for con-	MIN MAX. 0 = free
				nectivity	-			1 = forced for EVconner
اے								or EPoCA 2-99 = EPoCA local networ
LOG	1.0.5							address
	120 121	rE0 rE1	15 1		ger sampl I temperat		rval	0 240 min 0 = none 1 = cabinet
		-			,	-		2 = evaporator/auxiliary
	N.	PAR.	DEF.	MODBUS	6			3 = all MIN MAX.
	122	LA	247	MODBUS	address			1 247
Id	123	Lb	2		S baud rat	e		0 = 2,400 baud 1 = 4,800 baud
								2 = 9,600 baud 3 = 19,200 baud
	124	LP	2	parity				0 = none 1 = odd
								2 = even
8	ALAR	MS						
COD.	DES	CRIPTI	ON		RESET		REMED	IES
Pr1			be alarr		automa		- chec	
Pr2	evap alarr		/auxiliar	y probe	automa	tic		k probe integrity k electrical connection
rtc		alarm			manual			e, time and day of the week
AL AH			ature al rature a		automa automa			A, A1 and A2 A, A4 and A5
id	oper	n door a	alarm		automa		check i) e i1
PF	powe	er failur	re alarm	ı	manual		 touch checl 	n a key k electrical connection
сон				warning	automa	tic	check C	6
CSd	high	conder	nsation	alarm	manual		 switc checl 	h the device off and on < C7
iA	mult	i-purpo	se inpu	t alarm	automa	tic	check is	5 and i6
Cth	com alarr		therm	al switch	automa	tic	check i	5 and i6
th			nal swit	ch alarm	manual		- switc	h the device off and on
dFd	dof-	net +!=-	eout ala	rm	manual			k i5 and i6
ura	uerro	วระ เเทศ	Jour ala		manual		 touch checl 	n a key k d2, d3 and d11
H2O	wate	er reset	warnin	g delay	manual		- touch	n a key k A12
1					'		- check	·····•
9	TECH	NICAL	SPECI	FICATIO	NS			
			trol devi			1	on contro	
Constru Contair		of the	control	aevice				nic device nguishing
Catego	ory of		nd fire r	esistance		D Didek,		~
Measur	remer	nts						
75 0 ~		x 50 0) mm (*	15/14 ~	1 5/14 ~	75.0 -	(33.0	81.5 mm (2 15/16 v 1 5/14
	33.0			15/16 x terminal	1 5/16 x blocks	3 3/1	6 in) w	,
2 5/16	33.0 in) w	ith fixe	d screw	terminal	blocks	3 3/1 blocks	6 in) w	ith removable screw termin
2 5/16	33.0 in) w	ith fixe	d screw		blocks	3 3/1 blocks	6 in) w	ith removable screw termin
2 5/16 Mounti Degree	33.0 in) w	vith fixe ethods	for the	terminal	blocks vice	3 3/1 blocks To be	6 in) w	ith removable screw termina
2 5/16 Mounti Degree ing	33.0 in) w ing me	ethods	for the	terminal	blocks vice	3 3/1 blocks To be vided	6 in) w	ith removable screw termina
2 5/16 Mounti Degree ing Connec Fixed	33.0 in) wing more of p	rotection methods	for the on prov	terminal control de ided by th cks Rem	blocks vice ne cover- ovable s	3 3/1 blocks To be vided IP65 (6 in) w fitted to front) terminal	ith removable screw termina
2 5/16 Mounti Degree ing Connec Fixed	33.0 in) wing more of p	rotection methods	for the on prov	ided by th cks Rem block	blocks vice ne cover- ovable s	3 3/1 blocks To be vided IP65 (crew wires	6 in) w fitted to front)	81.5 mm (2 15/16 x 1 5/16 ith removable screw termini a panel, snap-in brackets pro
2 5/16 Mounti Degree ing Connec Fixed for wire Maximu	33.0 in) w ng m e of p ction i screw es up um pe	ethods rotection method (termi to 2,5 ermittee	for the for provoid for the for the for the for provoid for the formation of the formation	r terminal control de ided by th cks Rem block 2,5 r n for conne	vice ne cover- ovable s	3 3/1 blocks To be vided IP65 (crew wires equest les	6 in) w fitted to front) terminal up to	ith removable screw termini a panel, snap-in brackets pro
2 5/16 Mounti Degree ing Connec Fixed for wire Maximu Power	33.0 in) w ing m e of p ction i screw es up um pe suppl	ethods erotection rotectio	for the on prov I nal blo mm ²	r terminal control de ided by ti cks Rem block 2,5 r i for conne ft)	blocks vice ne cover- ovable s ks for mm²; by r	3 3/1 blocks To be vided IP65 (IP65 (equest es Analog	6 in) w fitted to front) terminal up to gue input	ith removable screw termina a panel, snap-in brackets pro
2 5/16 Mounti Degree ing Connec Fixed for wire Maximu Power Digital Operat	33.0 in) w ng m e of p ction i screw es up um pe suppl input ing te	vith fixe ethods rotectio method / termi to 2,5 ermitter y: 10 n s: 10 n empera	for the for the on prov i nal blo mm ² d length n (32.8 n (32.8 ture	r terminal control de ided by ti cks Rem block 2,5 r i for conne ft)	blocks vice ne cover- ovable s ks for mm²; by r	3 3/1 blocks To be vided IP65 (wires equest es Analog Digita From	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 °	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector is: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F)
2 5/16 Mounti Degree ing Connec Fixed for wird Maximi Power Digital Operat Storag	33.0 in) w ng ma e of p ction i screw es up um pe suppl input input e e term	ethods rrotection method (termi to 2,5 ermitteo y: 10 n s: 10 n emperatur	for the for the on prov i nal blo mm ² d length n (32.8 n (32.8 ture re	r terminal control de ided by ti cks Rem block 2,5 r i for conne ft)	blocks vice ne cover- ovable s ks for mm²; by r	3 3/1 blocks To be vided IP65 (IP65 (wires equest es Analog Digita From	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 70	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector (s: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) 0 °C (from -13 to 158 °F)
2 5/16 Mounti Degree ing Connec Fixed for wird Maximu Power Digital Operat Storag Operat	33.0 in) w ng m e of p ction i screw es up um pe suppl input input te e term ing h	ethods erotection methods (termi to 2,5 ermitted y: 10 n s: 10 n emperature umidity	for the for the on prov i nal blo mm ² d length n (32.8 n (32.8 ture re	r terminal control de ided by tt block 2,5 r i for conne ft)	blocks vice ne cover- ovable s (s for nm ² ; by r section cable	3 3/1 blocks To be vided IP65 (IP65 (Wires equest es Analog Digita From Relativ 10 to	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 70 // e humid	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector (s: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) 0 °C (from -13 to 158 °F)
2 5/16 Mounti Degree ing Connec Fixed for wird Maximu Power Digital Operat Storag Operat	33.0 in) w ng mo e of p e of p ction n screw es uppl input input input input input pon sta	ethods erotection methods (termi to 2,5 ermitted y: 10 n s: 10 n emperature umidity	for the for the on prov i nal blo mm ² d length n (32.8 n (32.8 ture re	r terminal control de ided by ti cks Rem block 2,5 r i for conne ft)	blocks vice ne cover- ovable s (s for nm ² ; by r section cable	3 3/1 blocks To be vided IP65 (IP65 (Wires equest es Analog Digita From From Relativ	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 70 // e humid	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector (s: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) 0 °C (from -13 to 158 °F)
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2 5/16 Mounti Degree ing Connecc Fixed for wird Maximu Power Digital Operat Storag Operat Pollutic Confor RoHS 2	33.0 in) w ng ma sof p ction i screw es uppl input input input ing te e term ing hav pon sta mity 2011// 2014/3	ethods rotection methods rotection r	for the for the on prov i nal blo mm ² d length n (32.8 n (32.8 ture re	r terminal control de ided by tt block 2,5 r for conno ft) ft) rol device	blocks vice ne cover- ovable s sks for nm ² ; by r section cable	3 3/1 blocks To be vided IP65 (IP65 (IP65 (Wires equest es Analog Digita From (Relati) 10 to 2 V/EU LVD 2 accorr (+109	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 70 ve humie 90% 014/35/U ting to 6 -15%)	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector is: 10 m (32.8 ft) : 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) °C (from -13 to 158 °F) dity without condensate from REACH (EC) Regulation 1907/2006 JE the model, 115 230 VA , 50/60 Hz (±3 Hz), max. 3.
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2 5/16 Mounti Degreee Fixed for wird Maximu Maximu Power Digital Operat Storag Operat Polluticic Confor RoHS 2 EMC 20 Power Earthin Rated i	33.00 in) w ng m e of p ction n screw es up input input input ing te e tem ing h con sta mity 2011/ 2014/3 suppl	ethods rotectic methods rotectic to 2,5 ermitter y: 10 n s: 10 n mperatur umidity tus of 1 65/CE 0/UE y thods f	for the content of th	r terminal control de ided by tt block cks Rem block 2,5 r block 2,5 r ft) ft) ft) ft) wEE	blocks vice ovable s ss for nm ² ; by r ection cable	3 3/1 blocks To be vided IP65 (IP65 (Vided IP65 (View View View View Analo(Digita From From Relati 10 to 2 Z V/EU LVD 2 accoro((+109 VA in 50/60	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 7C /e humio 90% 014/35/(ling to 6 -15%) sulated Hz (±3 i	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector s: 10 m (32.8 ft) : 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) °C (from -13 to 158 °F) dity without condensate from Picone content of the state of th
2 5/16 Mounti Degreec Connec Fixed for wird Maximm Power Digital Operat Storag Operat Pollutic Confor 2 Mover Pollutic Confor 2 EMC 20 Power Earthin Rated I Over-v Softwa	33.00 in) w ng m e of p ction i screw es up input input input input input ing te e term ing h on sta mity 2011/ 014/3 suppl	ethods methods v termit to 2,5 ermittee y: 10 n s: 10 n mperatu umidity tus of 1 65/CE 0/UE y ttods f se-with e categ	for the content of th	r terminal control de ided by th block 2,5 r for conner ft) rol device WEE wEE	blocks vice ovable s ss for nm ² ; by r ection cable	3 3/1 blocks To be vided IP65 (IP65 (IP65 (Wires equest es Analog Digita From 1 From 1 Relatif 10 to 2 LVD 2 accord (+109 VA in Sol60 None 2,5 KV II A	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 7C //e humio 90% 014/35/L ting to 6 -15%) sulated Hz (±3 i //	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector (Pico-Blade connector (S: 10 m (32.8 ft)) (10 m (32.8 ft)) (10 m (32.8 ft)) (2 (from 32 to 131 °F) (2 °C (from -13 to 158 °F) (2 °C (from -13 to 158 °F) (3 °C
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2 5/16 Mounti Degreee Gonnee Fixed for wird Maximm Power Digital Ooperat Storag Ooperat Storag Ooperat Pollutic Confor RoHS 2 EMC 20 Power Earthin Rated i Over-v Softwa	33.0 in) w ng m e of p ction of screw es up input input input input input input 2011/ 014/3 suppl ottag g me impul iottag ure cla	ith fixe ethods rotectii methods rotectii to 2,5 ermittee y: 10 n mperatu umidity tus of 1 65/CE 0/UE y thods ff see-with e categ sss and outs	for the content of th	r terminal control de ided by tt block 2,5 r a for conne ft) rol device WEE WEE wEE	blocks vice ovable s ss for nm ² ; by r ection cable	3 3/1 blocks To be vided IP65 (lP65 (wires equest es Analo(Digita From From From Relati 10 to 2 2 V/EU LVD 2 accord (+109 VA in 50/60 VA in 50/60 V	6 in) w fitted to front) terminal up to 20 to 55 ° -25 to 70 // 0014/35/(ling to 6 -15%) sulated Hz (±3 // PTC or NT 1-121 (9 -50 to 15	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector :s: 10 m (32.8 ft) : 10 m (32.8 ft) C (from -13 to 158 °F) of C (from -13 to 158 °F) dity without condensate from REACH (EC) Regulation 1907/2006 JE the model, 115 230 VA , 50/60 Hz (±3 Hz), max. 3. or 230 VAC (+10% -15% Hz), max. 2 VA insulated
2 5/16 Mounti Degreee for wird for wird for wird Maximu Power Digital Operat Storag Operat Pollutic Confor RoHS 2 EMC 20 Power Earthin Rated i Over-v Softwa Analog PTC pro	33.00 in) w ng m ction n screw es up input input input input 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3 2011/ 2014/3	ith fixe ethods rotectil methods / termit to 2,5 ermitter y: 10 n s: 10 n mperatur umidity tus of 1 65/CE 0/UE y thods f se-with e categ y ss and outs Ser Res	for the content of th	r terminal control de ided by tt ided by tt control de control device re e e e e e e e e e e e e e e e e e	blocks vice ovable s ss for nm ² ; by r ection cable	3 3/1 blocks To be vided IP65 (IP65 (IP66 (IP65 (IP66	6 in) w fitted to fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 7C /e humio 90% 014/35/(ling to 6 -15%) sulated Hz (±3 l / PTC or NT 1-121 (9 -50 to 15 : (1 °F)	ith removable screw termini a panel, snap-in brackets pro- Pico-Blade connector S: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) °C (from -13 to 158 °F) dity without condensate from Pico-Blade connector C (from -13 to 158 °F) dity without condensate from Pico-Blade connector (from -158 to 302 °F)
2 5/16 Mounti Degreee Fixed for wird Fixed for wird Maximu Power Digital Operat Storag Operat Pollutic Confor RoHS 2 EMC 20 Power Earthin Rated i Over-v Softwa Analog PTC pro	33.00 in) w ng m ction n screw es up input input input input 2011/ 201/ 20	ith fixe ethods methods / termit to 2,5 ermitter y: 10 n s: 10 n mpperatu umidity umidity tus of ff 65/CE 0/UE y thods f se-with e categ sss and outs Ser Res Res Res Res	for the control of th	r terminal control de ided by tt ided by tt control de control device re e e e e e e e e e e e e e e e e e	blocks vice ovable s ss for nm ² ; by r ection cable	3 3/1 blocks To be vided IP65 (IP65 (Wires equest es Analog Digita From Relativ 10 to 2 Z Z/EU LVD 2 accore (+10% VA in So/60 None 2,5 KV II A 1 for ft From 0,0 c So/60 None 2,5 KV II A 1 for ft From 0,0 c So/60 None	6 in) w fitted to fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 7C /e humid 90% 014/35/U ling to 6 -15%) sulated HZ (±3 i / / PTC or NT 1-121 (9 -50 to 15 -50 to 15 -21 °F -20 to 15 -21 °F -21 °F -	ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector :s: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 32 to 131 °F) °C (from -13 to 158 °F) dity without condensate from reference of the state
2 5/16 Mounti Degreec Fixed for wird Power Digital Operat Storag Operat Pollutic Confor 2 EMC 20 Power Earthin Rated I Over-v Softwa Analog PTC pro	33.00 in) w mg mm e of p screw es up um pe suppl input input input input 2011/ 014/3 suppl 014/3 suppl 014/3 suppl impul voltage re cla uue in obes	ethods methods v termit to 2,5 ermittee y: 10 n s: 10 n mpera umidity umidity tus of 1 65/CE 0/UE y thods f se-with e categ uss and outs Ser Res Ser Res Ser Res Res Res	for the content of th	r terminal control de ided by th block 2,5 r for conne ft) ft) rol device wEE wEE ent field e	blocks vice ovable s ss for nm ² ; by r ection cable	3 3/1 blocks To be vided IP65 (IP65 (IP65 (Wires equest es Analog Digita From Relativ 10 to 2 IVD 2 accorc (+109 VA in Sol60 None 2,5 KV II A 1 for f Sol60 None 2,5 KV II A 5 From 0.1 °C B3435 From 0.1 °C	6 in) w fitted to fitted to front) terminal up to 20 to 55 ° -25 to 7C // // // // // // // // // // // // //	ith removable screw termining a panel, snap-in brackets produce Pico-Blade connector ::10 m (32.8 ft) :10 m (32.8 ft) :01 m (32.8 ft) :02 C (from 32 to 131 °F) 03 C (from -13 to 158 °F) dity without condensate from 1907/2006 JE the model, 115 230 VA , 50/60 Hz (±3 Hz), max. 3. or 230 VAC (+10% -15% Hz), max. 2 VA insulated
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2 5/16 Mounti Degreee Gonnec Fixed for wird Maximu Power Digital Operat Storag Operat Pollutic Confor RoHS 2 EMC 20 Power Earthin Rated i Over-v Softwa Analog PTC pro-	33.00 in) w ng mg ction n screw es up input input input input 2011/ 201/	ith fixe ethods rotectil methods / termitter to 2,5 ermitter y: 10 n s: 10 n mperatur umidity tus of 1 65/CE 0/UE y thods f se-with e catego y thods f Res s s	for the control of th	r terminal control de ided by th ided by th cks Rem bloch 2,5 r for conne ft) ft) rol device wee ontrol device e e e e e e e e e e e e e e e e e e	blocks vice vice ovable s ss for mm²; by r ection cab ection cab e	3 3/1 blocks To be vided IP65 (IP65 (IP66 (IP65 (IP66	6 in) w fitted to front) terminal up to gue input outputs 0 to 55 ° -25 to 7C /e humio 90% 014/35/(ling to 6 -15%) sulated Hz (±3 l / PTC or NT 1-121 (9 -50 to 15 : (1 °F) (10 K ± 2 -40 to 10 : (1 °F) contact (ith removable screw termini a panel, snap-in brackets pro Pico-Blade connector :s: 10 m (32.8 ft) : 10 m (32.8 ft) C (from 13 to 158 °F) of C (from -13 to 158 °F) dity without condensate from 1907/2006 JE the model, 115 230 VA , 50/60 Hz (±3 Hz), max. 3. or 230 VAC (+10% -15% Hz), max. 2 VA insulated C probes (cabinet probe) 90 Ω @ 25 °C, 77 °F) 50 °C (from -58 to 302 °F) 2 @ 25 °C, 77 °F) 55 °C (from -40 to 221 °F) door switch) 5 VDC, 1.5 mA
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N.B. The d

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

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