




GB ENGLISH						I ITALIANO					
8 WORKING SETPOINTS AND CONFIGURATION PARAMETERS											
<b>8.1 Working setpoints</b>											
	MIN.	MAX.	U.M.	EVK201	EVK211	WORKING SETPOINTS					
	r1	r2	°C/°F (1)	0.0	0.0	setpoint di lavoro					
<b>8.2 Configuration parameters</b>											
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	WORKING SETPOINTS					
SP	r1	r2	°C/°F (1)	0.0	0.0	setpoint di lavoro					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	MEASURE INPUTS					
CA1	-25.0	25.0	°C/°F (1)	0.0	0.0	cabinet probe offset					
P0	0	1	---	1	1	kind of probe 0 = PTC 1 = NTC					
P1	0	1	---	1	1	decimal point Celsius degree (for the quantity to show during the normal operation) 1 = YES					
P2	0	1	---	0	0	unit of measure temperature (2) 0 = °C 1 = °F					
P5	0	1	---	not present	0	quantity to show during the normal operation 0 = cabinet temperature 1 = working setpoint					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	MAIN REGULATOR					
r0	0.1	15.0	°C/°F (1)	2.0	2.0	working setpoint differential					
r1	-99.0	r2	°C/°F (1)	-50.0	-50.0	minimum working setpoint					
r2	r1	99.0	°C/°F (1)	50.0	50.0	maximum working setpoint					
r3	0	1	---	not present	0	locking the working setpoint modification (with the procedure related in paragraph 3.1) 1 = YES					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	COMPRESSOR PROTECTIONS					
C0	0	240	min	0	0	compressor delay since you turn on the instrument					
C1	0	240	min	not present	5	minimum time between two activations in succession of the compressor; also compressor delay since the end of the cabinet probe error (3)					
C2	0	240	min	3	3	minimum time the compressor remains turned off					
C3	0	240	s	not present	0	minimum time the compressor remains turned on					
C4	0	240	min	not present	10	time the compressor remains turned off during the cabinet probe error; also look at C5					
C5	0	240	min	not present	10	time the compressor remains turned on during the cabinet probe error; also look at C4					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	DEFROST					
d0	0	99	h	8	8	defrost interval; also look at d8 (5) 0 = the defrost at intervals will never be activated					
d3	0	99	min	30	30	defrost duration 0 = the defrost will never be activated					
d4	0	1	---	0	0	defrost when you turn on the instrument 1 = YES					
d5	0	99	min	0	0	defrost delay when you turn on the instrument (only if d4 = 1)					
d6	0	1	---	1	1	temperature shown during the defrost 0 = cabinet temperature 1 = if to the defrost activation the cabinet temperature is below "working setpoint + r0", at most "working setpoint + r0"; if to the defrost activation the cabinet temperature is above "working setpoint + r0", at most the cabinet temperature to the defrost activation (6)					
d8	0	1	---	not present	0	kind of defrost interval 0 = the defrost will be activated when the instrument will have remained turned on the time d0 1 = the defrost will be activated when the compressor will have remained turned on the time d0					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	TEMPERATURE ALARMS					
A1	-99.0	99.0	°C/°F (1)	not present	-10.0	temperature below which the lower temperature alarm is activated; also look at A2 (4)					
A2	0	2	---	not present	1	kind of lower temperature alarm 0 = alarm not enabled 1 = relative to the working setpoint (or "working setpoint - A1"; consider A1 without sign) 2 = absolute (or A1)					
A4	-99.0	99.0	°C/°F (1)	not present	10.0	temperature above which the upper temperature alarm is activated; also look at A5 (4)					

A5	0	2	---	not present	1	kind of upper temperature alarm 0 = alarm not enabled 1 = relative to the working setpoint (or "working setpoint + A4"; consider A4 without sign) 2 = absolute (or A4)					
A6	0	240	min	not present	120	upper temperature alarm delay since you turn on the instrument					
A7	0	240	min	not present	15	temperature alarm delay					
A8	0	240	min	not present	15	upper temperature alarm delay since the end of the defrost (7)					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	SERIAL NETWORK (MODBUS)					
LA	1	247	---	not present	247	instrument address					
Lb	0	3	---	not present	2	baud rate 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud					
LP	0	2	---	not present	2	parity 0 = none 1 = odd 2 = even					
PARAM.	MIN.	MAX.	U.M.	EVK201	EVK211	RESERVED					
E9	0	1	---	not present	1	reserved					

(1) the unit of measure depends on parameter P2  
(2) **set the parameters related to the regulators appropriately after the modification of the parameter P2**  
(3) if parameter C1 has value 0, the delay since the end of the cabinet probe error will however be 2 min  
(4) the differential of the parameter is 2.0 °C/4 °F  
(5) the instrument stores the count of the defrost interval every 30 min (only EVK211); the modification of parameter d0 has effect since the end of the previous defrost interval or since the activation of a defrost by hand  
(6) the display restores the normal operation as soon as the defrost ends and the cabinet temperature falls below the one that has locked the display (or if a temperature alarm arises)  
(7) during the defrost the temperature alarms are not enabled, on condition that they have arisen after the activation of the defrost.

 The instrument must be disposed according to the local legislation about the collection for electrical and electronic equipment.  
Lo strumento deve essere smaltito secondo le normative locali in materia di raccolta delle apparecchiature elettriche ed elettroniche.

tipo di allarme di temperatura di massima 0 = allarme assente 1 = relativo al setpoint di lavoro (ovvero "setpoint di lavoro + A4"; considerare A4 senza segno) 2 = assoluto (ovvero A4)	ritardo allarme di temperatura di massima dall'accensione dello strumento ritardo allarme di temperatura di massima dalla conclusione dello sbrinamento (7) RETE SERIALE (MODBUS) indirizzo strumento baud rate 0 = 2,400 baud 1 = 4,800 baud 2 = 9,600 baud 3 = 19,200 baud parità 0 = nessuna parità 1 = dispari 2 = pari RISERVATO riservato
---	---

(1) l'unità di misura dipende dal parametro P2  
(2) **impostare opportunamente i parametri relativi ai regolatori dopo la modifica del parametro P2**  
(3) se il parametro C1 è impostato a 0, il ritardo dalla conclusione dell'errore sonda cella sarà comunque di 2 min  
(4) il differenziale del parametro è di 2,0 °C/4 °F  
(5) lo strumento memorizza il conteggio dell'intervallo di sbrinamento ogni 30 min (solo EVK211); la modifica del parametro d0 ha effetto dalla conclusione del precedente intervallo di sbrinamento o dall'attivazione di uno sbrinamento in modo manuale  
(6) il display ripristina il normale funzionamento quando, concluso lo sbrinamento, la temperatura della cella scende al di sotto di quella che ha bloccato il display (o se si manifesta un allarme di temperatura)  
(7) durante lo sbrinamento gli allarmi di temperatura sono assenti, a condizione che questi si siano manifestati dopo l'attivazione dello sbrinamento.