KÜHLA®

**AT 1
5BQ6E-2KU**

❄ cooling / heating output
RL2 AUX output
🔔 alarm

Buttons explanation

i⬍   **Press Info / setpoint adjustment**

⬛▼   **button parameter down /
press 2 sec for manual defrost**

▲M   **button parameter up / manual control**

✖⏻   **button back / standby**

Display messages during normal operation Display messages in the Info menu

DEF	Defrost activated	**T1**	temperature of probe T1
REC	Return to the setpoint after defrost	**T2**	temperature of probe T2
OFF	standby	**THI**	maximum temperature probe T1
CL	Request the condenser cleaning	**TLO**	minimum temperature probe T1
DO	Alarm for open door	**CND**	compressor operating time in weeks
HI / LO	Over / under temperature alarm in the cell	**LOC**	keypad lock status
E1...2	Error of sensor T1...2		

Access to the Info menu

is obtained by pressing the button **i⬍** and then release it. You can switch through the parameters using **⬛▼** or **▲M** and display the value by pressing **i⬍**
You get back to the actual value by waiting 30 seconds or pressing **✖⏻**

Change of setpoint

To display and change the set point press **i⬍** for at least ½ second. To change the setpoint, hold **i⬍** and adjust with **⬛▼** or **▲M** the setpoint. After releasing
the button **i⬍**, the desired setpoint is stored.

Caution: The set value can only within the limits of SPL.SPH will be set.

Wiring diagram
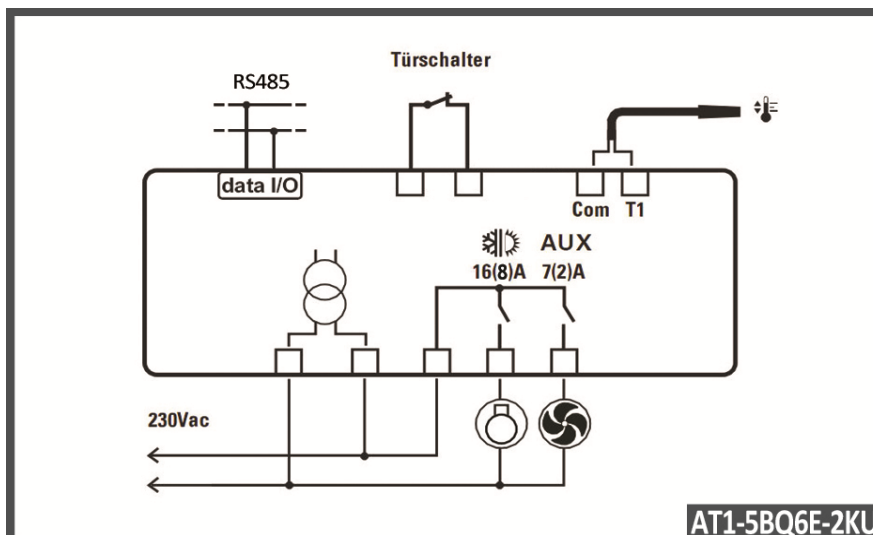
Parameter setting instructions
Kühla Kühltechnik & Ladenbau GmbH
AT1-5BQ6E-2KU

Parameter list

Collection of all parameters relating to the factory settings

Parameter	Setting range	Description	Setup Kühla
5cL	1 ° C / 2 ° C / ° F	Reading scale	1 ° C
5PL	-50.SPH °	Minimum set point	1 ° C
5Ph	SPL... + 120 °	Limit value	15 ° C
5P	SPL...SPH °	Setpoint	7 °
c h	REF / HEA	(HEA) cooling / heating (HEA)	REF
h45	1.10.0 °	Switching hysteresis	2 K
crt	0.30 min	Compressor break	3 min
ct 1	0.30 min	Activation time RL1 fault T1	10 min
ct2	0.30 min	Stop time RL1 fault T1	5 min
c5d	0.30 min	Delay compressor stop at Door open / DS only = YES	---
dFr	0.24	Defrost frequency / 24 h	3 / 24 h
dL i	-50.. + 120 °	Temperature defrost	---
dto	1.120 min	Maximum defrost duration	30 min
dt4	OFF / ELE / GAS	Defrost type	OFF
dd4	0.60 min	Display when defrost	5
Ati	NON / ABS / REL	Alarm type	REL
ALA	-50.. + 120 °	Lower alarm threshold	---
AhA	-50.. + 120 °	Upper alarm threshold	---
ALr	-12.0°	Lower alarm differential	-4 K
Ahr	0... + 12 °	Upper alarm differential	+ 8 K
Atd	0.120 min	Temperature alarm delay	90 min
Ado	0.30 min	Door alarm delay	0 min
Acc	0.52 Weeks	Message condenser cleaning	26
5b	NO. / YES	Activate stand-by	YES
d5	NO. / YES	Activate the door switch	NO.
oAU	NON / 0-1 / DEF LGT / ALR	Modes of operation AUX output	0-1
I nP	SN4 / ST1	Sensor selection	SN4
o5 1	-12, 5... + 12, 5 °	Measurement value correction T1	0 ° C.
t2	NO. / YES	Activation T2	NO.
o52	-12, 5... + 12, 5 °	T2 measurement value correction	0 ° C.
tLd	1.30 min	Storage interval TLO / TLI	10 min
5l i	0.100	Display slow down	0
Adr	1.255	Bus address	1