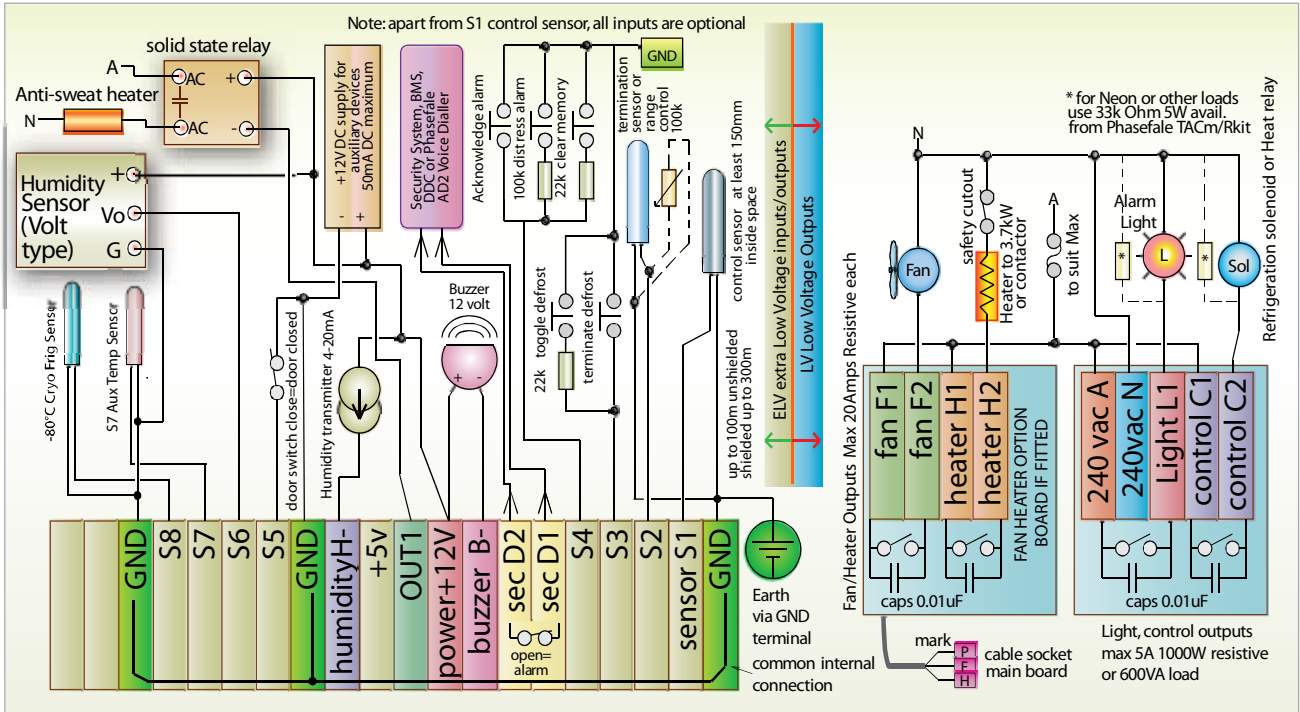


Item	Menu	Kbd	Description	Units	Default	Low	High
SP	SP/5		Setpoint Cutin	°C / °F	0.0	-99.9	+99.0
dl	SP/5		Differential	°C / °F	0.5	0.0	5.0
AH	SP/5		High Temperature alarm	°C / °F	10.0	-99.0	+99.0
AL	SP/5		Low Temperature alarm	°C / °F	-20.0	-99.0	+99.0
At	SP/5		Alarm time delay	Mins.	90.0	0.0	99.0
nd	SP/5		Number defrosts per 24 hours	Units	1	0	12
dd	SP/5		Defrost Duration	Mins.	30.0	0.0	99.9
AA	AA1/10		Alarm Acknowledge	Mins.	10.0	0.0	99.9
LS	AA1/10		Limit Start time	Mins.	4.0	0.0	99.9
SP2	AA1/10		Setpoint 2 Cutin	°C / °F	0.0	-60.0	199.0
Tr	AA1/10		Terminate Setpoint	°C / °F	8.0	0.0	99.9
Op:Co	AA1/10		Operating Mode- Cooling:Co or Heating:HE		Co	Co	HE
TAC/TAJ	AA1/10		TACm:TAC / Joule Temp:TAJ Compatibility		TAJ	TAJ	TAC
dt	AA1/10		Drain Time	Mins.	1.0	0.0	12.0
Ft	AA1/10		Fan Delay Time	Mins.	1.0	0.0	4.0
EI/Hg	AA1/10		Def mode-Electric:EL/Hotgas:Hg-light relay used for suct.sol.			def:EI	Hg
S2:		No	S2 Sensor description:	text	Def		20 ch.
S7		No	S7 Description	text	S7		20 Ch.
Sd/Hd	AA1/10		Show or Hide defrost	units	Sd	Sd	Hd
St	AA1/10		Time first defrost	Hrs.mins	3.0	0.0	23.9
St2..S12	AA1/10		Time 2 nd , 3 rd ,...12 th Defrost	Hrs.mins	3.0	0.0	23.9
CA	AA1/10		Sensor Calibration offset	°C / °F	0.0	-9.9	+9.9
IP1,...4	AA2/15		Network IP number		192.168.160.100	0	255
TAJ	AA2/15		JouleTemp:TAJ or TACm:TAC defr. compatibility mode		TAJ	TAJ/TAC	
°C / °F	AA2/15		Celsius or Fahrenheit operation	°C / °F	°C	°C	°F
CS1	AA2/15		Use Standard temp input S1:CS1 or -80° Type S8:CS8		CS1	CS1/CS8	
AOn	AA2/15		Alarm is active:AOn or not:AOF		AOn	AOn/AOF	
LAF	AA2/15		Light relay operation flash:LAF, open:LAO,close: LAC, Cool SP2:LCC, Heat SP2:LCH, Hum LAH		LAF	LAF/LAo/LAC /LCC/LCH/LAH	
t1n	AA2/15		Real time clock RTC minutes	Mins.		0	59
t1h	AA2/15		RTC clock hours setting	Hours.		0	59
dtd	AA2/15		RTC clock day setting	Date		1	31
dtm	AA2/15		RTC month setting	Month		1	12
dy	AA2/15		RTC year setting	Year		2000	2099
Log	AA2/15		Log Period	Mins.	5	1	60
Description		No	Controller Description	text			35 ch.
Admin pwd		No	Administrator settings password		pass		15 ch.
Email addr.		No	Email events to address				50 ch.
Email type		No	Email events off-0, alarm-1 or all-2		0	0	2
SMTP Srvr		No	Mail server address				30 ch.
Email auth		No	Email acct. require:1 authorization or not:0		0	0	1
Email acct		No	Email account				50 ch.
Email pwd		No	Email account password				15 ch.
dAo	AA2/15		D1/D2 contacts alarm open=dAo/ closed=dAc		dAo	dAo/dAc	
Fan	AA2/15		F1/F2: FAn,Cool SP2:FCC,Heat SP2:FCH, Hum FHu		FAn	Fan/FCC/FCH/FHu	
HdF	AA2/15		H1/H2:HdF,Cool SP2:HCC,Heat SP2:HCH Hum HHu		HdF	HdF/HCC/HCH/HHu	
Bus	AA2/15		Buzzer used:buS, not used: bnu		buS	buS/bnu	
dOr	AA2/15		Door Monitor not used:nu, monitor:on, alarm:AL	nu		Nu/on/AL	
dot	AA2/15		Door alarm delay	Mins.	0	0	99.9
S'w Ver.	AA2/15		Software Version Display				
Lod *	LOd/20		Load memory -no, bus,ALL		no	No/bus/ALL	
HOP*	AA2/15		Humidity Cntrl Mode: oFF, readonly (ro), Humidify(Hu),dehumidify (dHu), Heat +Cool (dHc), Anti-sweat (AS)				
HLH*	AA2/15		Humidity High cutin	%RH	50	0-99%	
HLL*	AA2/15		Humidity Low Cutout	%RH	45	0-99%	
HAH*	AA2/15		Humidity High Alarm	%RH	60	0-99%	
HAL*	AA2/15		Humidity Low Alarm	%RH	40	0-99%	
HAt*	AA2/15		Humidity Alarm Delay Time	mins	0	0-99 min	
HLS*	AA2/15		H Limit Start (min time between starts)	mins	0	0-99 min	
HLT*	AA2/15		Max Temp error(before stopping humidity control)	°C / °F	20.0	0.0-20.0°	
HiT*	AA2/15		Humidity Input Type 4-20mA:HHI, Volts S6:HS6		HHI	HHI/HS6	
Pid *	AA2/15		PID control On/off		oFF	On/oFF	
PPg *	AA2/15		Proportional Gain - consult Phasefare for info.		50.0	0-99.9	
Pig *	AA2/15		Integral Gain PID control settings		50.0	0-99.9	
Pdg *	AA2/15		Differential Gain		50.0	0-99.9	
Ptn *	AA2/15		PID Minimum Switching Time		0.0	0-99.9	

Items shown as No are only available via browser interface. A LOd AL command resets ALL settings

Wiring Diagram Summary Keyboard commands (overleaf)



Note: Humidity via S6 or H- [additional cost option]. S8 Input used for -80°C Type sensor. RS485 not implemented in JouleTemp standard version.

This document available online as a PDF file <http://www.phasefale.com.au/TechSupport.htm> go to document directory and select JouleTemp directory. A full instruction set is also available for download. The files are password protected – use password jt522006 to open.

C-Tick Compliance JouleTemp is Tested to AS/NZS CISPR 22:2004 "Information technology equipment -Radio disturbance characteristics - Limits and method of measurement". PASS Class A Industrial. Warning. This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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