		USER INTERFACE	3 ₅₅₃	Function: To set temperature differential f	or 16 5E 19	Function : To s	et Inlet probe calibration.
PICOCHILL (PIC-175)	∧ UP / ⊫ Probe	In Program mode:	Parameter	compressor restart.	Parameter Example : If	the actual temper	ature is 20.0°C and the
	0	parameter value. In Set mode : Increases parameter value.	То	uch & hold	temperature of parameter to	on the controller -2.0°C and once	shows 22.0°C set this out of this mode, the
		When SV1 is set to OtSy, if $$ key is pressed.	Display will sh modified by usi	ow set value. The set point value can now ng the UP/DOWN key. After selecting the desir	be temperature wi	ll display 20.0°C. (22	2.0°C-2.0°C).
** [™] / 7 ¹ RST		then it will display inlet temp. and then it will display outlet temp in second line and then it	value, touch th that the set poir	e set key and user can see "" which confir at has been stored in memory.	ns		Min Max Fac. -10.0°C 10.0°C 0.0°C
		will come out and will display main screen.	Example: If the	e set point is set at 10.0°C and differential is se	as 17 5220	Function : To s	et Outlet probe
	Program	program mode, and act mode:	2.0°C, then whe	In the system reaches 10.0° C, the compressor will cut	in Parameter	calibration.	atura is 20.0°C and the
Chiller Controller		Decreases parameter value	(restart) at 12.0	Min Max Fa	temperature of parameter to	on the controller -2.0° C and once	shows 22.0°C set this
Introduction :	RST Reset	Touch and hold for 2sec to Mute the Alarm Relay.		1.0°C 10.0°C 2.0	c temperature w	ll display 20.0°C. (22	2.0°C-2.0°C).
PiC-175 is a single set point chiller controller.	SET Set	Touch and hold for 2sec to enter into set	4 554 Parameter	Function : To set maximum allowable high temperature alarm.			Min Max Fac.
Their IP ratings are greatly improved and have an excellent iconic display. The touch feature whilst increasing reliability also gives a great uncertained.		In program mode and set mode: set/save the changed value of parameter.	Example : If the	his parameter is set to 50.0°C, then once chi	ler 18 جي ;	Function : To e	enable / disable Controller
Their operation is very user friendly and is easily understood with the		INDEX	And alarm will b	e ON.	Parameter	to function in p	precision mode.
examples in the instructions below.	Sr. Para.	Description		St5+ 10 70.0°C 70.0	remain in the c	in state, while Preci	sion SV will switch ain the temperature
Various parameters help set up the instruments functions for different applications.	4 613	Set Mode	5 525	Function: To set minimum allowable low	precisely.		
The PiC-175 can be used for several applications with a measuring range from -40.0 $^{\circ}$ C to 80.0 $^{\circ}$ C.		Program Mode	Parameter Example: Setti	temperature alarm.	is ena set differential is s	bled, then SV set p et to 2°C, then whe	oint is set to 30°C and n the outlet temp.
CAUTION	2 3 5±3	Set other parameter. Differential	point to go belo below 5.0°C th	w 5.0°C. Also, if the temperature reaches or go ne display will show Low Temp. Alarm and at t	his reaches 30°C, differential is 2	HGSV relay will go ℃, the HGSV will	OFF .Since the come ON (restart) at
WIRING: The probe and its corresponding wires should never be installed in a conduit next to control or power supply lines. The	4 <u>5</u> 54	Hi Temp. Alarm	point the alarm	will activate. Min Max Fa	28°C(30°C - 25	C).	Min Max Fac.
electrical wiring should be done as shown in the diagram. The power supply circuit should be connected to a protection switch. The terminale admit wires of unto 2.5 so mm	6 5£6	High Set Limit		-40.0°C ST4-1.0 5.0	c		d 15 Pr Su/ d 15 d 15
WARNING: Improper wiring may cause irreparable damage and	7 SE7 8 SE8	Low Set Limit Ht Power On Dly	6 <u>555</u>	Function: To set maximum set point limit.	 19 <i>52</i>	Eunction: To s	et SV set point
personal injury. Kindly ensure that wiring is done by qualified personnel only.	9 559	HT-LT Normal Dly	Once set at a pa		ao Parameter		
Maintenance: Cleaning: Clean the surface of the controller with a soft maintenance, along a practice abraging detargents, partal along a	11 SE 12	Comp Min ON Delay	above this value	$e_{\rm c}$	Example: See	נו / parameter	· · · · · · · · · · · · · · · · · · ·
solvents. Notice: The information in this document is subject to change in	12 SE 14 13 SE 16	Pump Output Fan Output	point to go abov	/e 49.0°C (ST6-1.0).			Min Max Fac.
order to improve reliability , design or function without prior notice and does not represent a commitment on the part of the company. In	14 SE 17	Fan start delay before compressor ON.		Min Max Fa St2+ 70.0°C 70.0	20 _{5 J}	Function : To se	t the differential for HGSV
no event will the company be liable for direct, indirect, special, incidental or consequential damage arising out of the use or inability	16 SE 19	Inlet Probe Cal.	7 557	Function: To set minimum set point limit.	Parameter	relay ON conditi	on.
to use the product or documentation, even if advised of the possibility of such damages. No part of this manual may be reproduced or transmitted in any form or by any means without the	17 SE20	Outlet Probe Cal. Enable / disable Controller to function in precision	Parameter		Example: See	parameter נוכ	
prior written permission of the company. Installation : Fixing and dimensions of panel models:		mode. SV set point.	Once set at a pa below this value	articular value, this will not allow the set point to 9.	go		Min Max Fac.
To fix the unit, slide the fastener ① through the guides ② as per the position shown in the figure. Move the fastener in the direction of the	20 Su3	Differential for HGSV.	Example: Setti point to go below	ng this parameter at -10.0°C will not allow the w -9.0°C (ST7+1.0).	set 21 _{85 1}	Function : To er	nable / disable Antifreeze
arrow, pressing tab ③ it permits to move the fastener in the opposite direction of the arrow.	21 RF 7 22 RF2	AFT Set Temp.		Min Max Fa	Parameter	function.	
Controller :Controller should be installed in a place protected	23 <i>RF 3</i> 24 <i>RE 4</i>	AFT Differential AFT Probe Cal.	8		$\begin{array}{c} C \\ \hline \\ E \\ \hline \\ \hline$	es the Antifreeze Trip the Antifreeze Trip	o function of the controller. function of the controller.
temperature does not exceed the values specified in the technical data	25 RFS	AFT Sense Delay	Parameter	temperature alarm to avoid false alarms.	gn		Min Max Fac.
Probe :To give a correct reading, the probe must be installed in	20 FL 1 27 FL2	To set Low LPM set point for flow sensor	Example : If th on controller wil	is parameter is set to 20minutes then after pov I ignore HT alarm for 20 minutes.	/er		
a place protected from thermal influences, which may affect the temperature to be controlled.	28 FL3 29 RL1	Flow sensor calibration. HP Fault Sensing Logic		Min Max Fa	D. Parameter	Function: To set	t Antifreeze tripping point.
Panel Cutout and Dimensions :	30 <i>RL2</i>	Fault Sensing Delay for (HP/Comp O/L/Fan O/L/ PUMP O/L)	9 660	0Min 20Min 20M	in Example: If th	ls parameter is set t or on Antifreeze fau	to -6.0°C controller will trip It if the AFT sensor goes
2 1 3 Harris	31 <i>RL3</i>	HP/AFT Reset	Parameter	low temperature alarms.	below -6.0°C.		Min Max Fac.
	33 RLS	LP Fault Sensing Logic	Example : If thi ignore HT-LT al	s parameter is set to 1 seconds then controller arms for 5 seconds.	vill		-40.0°C St7 - 4.0°C
	34 RL6 35 RL7	LP Sensing Delay LP Fault Reset		0Sec 20Sec 55	²³ AF 3 ^C Parameter	Function : To se once it tripped o	t fault resetting differential fAFT set point.
	36 <i>AL8</i>	No. of retrials of LP Comp O/L Sensing Logic	10 55 11	Function : To set compressor restart delay	Example : If th	e AFT set point is se	t at 4.0°C and differential is
	38 <i>RL 10</i>	Comp O/L Reset	Example: If thi	s parameter is set at 3 minutes, the compres	the AFT fault	only when the AFT	Temperature goes above
29mm 2	39 RETT 40 RET2	Pump O/L Sensing Logic	will cut off at minimum of 3 n	the set temperature, but will not restart fo ninutes. This time delay is also effective at 'Pow	ver	.0 0).	Min Max Fac.
PANEL Side Lock	41 <i>RL 13</i> 42 <i>RL 14</i>	Pump O/L Reset No of retrials of Pump O/L	On' of the sys compressor fro	tem. This safety feature is used to protect om restarting within a short period due to pow	he /er 24.054	Eurotion - To or	1.0°C 10.0°C 2.0°C
GASKET	43 RL 15	Fan O/L Sensing Logic	nuctuations.	Min Max Fa	Parameter	calibration.	et Antilireeze probe
	44 RL 16 45 RL 17	No of retrials of Fan O/L	11 Ct 12	0 Min 20 Min 3 M	in EXAMPLE : I temperature	f the actual tempe on the controller	rature is 20.0°C and the shows 22.0°C set this
	46 <i>RL2 I</i> 47 <i>RL22</i>	SPPR Logic AUX/EWFS Logic	Parameter	Function : To set time delay for which compressor has to run once cut in.	parameter to temperature w	-2.0°C and once Il display 20.0°C. (2:	out of this mode, the 2.0°C-2.0°C).
	48 <i>RL2</i> 7	Level Switch Logic	This parameter enough time fo	is used to protect the compressor so that there r oil to return back to the compressor. This de	e is ay		Min Max Fac.
	49 RL28 50 RL29	To Configure Alarm Relay	starts once the c	compressor relay is ON.	he		-10.0°C 10.0°C 0.0°C
	51 [5]	EWFS Startup Delay Normal delay for EWFS fault sensing	temperature is relay will remai	achieved before 2 minute, then the compres n ON for minimum 2 minute, though set poin	sor 25 RF5 is Parameter	Function: To se	t AFT fault sensing delay ON.
TECHNICAL DATA	53 CS 12	Second Line Display	achieved.	Min Max Fa	Example: If thi	s delay is set to 60 s	econds then the controller
Housing : Black ABS Plastic, Auto-extinguish Front Cover : Polycarbonate Plastic	54 [575 55 [574	Baud Rate		0 Min 20 Min 2 M	avoid false trip	bing of Compressor.	
Dimensions : Frontal : /8 X 36mm, Depth : 8/mm Panel Cutout : 29 X 71mm Mounting : Flush panel mounting with fasteners	56 [5 /5 57 [5 /6	Password Keypad Lock	12 5E 14 Parameter	Function : To configure Pump O/P.			Min Max Fac.
Protection : IP65 Front (with gasket) Connections : Screw terminal blocks	58 [517	Factory Defaults	<i>d 1</i> 5 = Pump <i>8-on</i> = Pump	is Disable will remain always ON.	26 51 1	Eurotion : To en	0 sec 60 sec 60 sec
Second state 2.5sq mm terminal only + Minifit connector. Display : 4 X 8.6mm (0.33") 7 segment display	60 [5 /8	Pump Run Hrs.	<i>L-on</i> = Pump	will switch ON/OFF with compressor.	Parameter		able/disable now sensor.
4 X 4.9mm(0.27") 7 segment display & 13 LEDs for Indication	61 [520 62 [522	Fan Run Hrs. Clr. Comp. Run Hrs.		Min Max Fa	I = 1/2" Flow S	Flow Sensor. Sensor selected.	Min Max Fac.
Power input : 9Vac (From External Transformer) External Transformer Input 230Vac.	63 <i>ES23</i>	Clr. Pump. Run Hrs.	13 SE 15				d /S I d /S
+/- 20%, 50Hz/60Hz Relay output : Comp SPST relay 20(8)A,250VAC	65 CS26	Software Version.	Parameter	Function : To configure Fan O/P.	27 <i>FL ∂</i> Parameter	Function : To set Flow sensor	Low LPM set point for
Fan SPST relay 10A, 250VAC Pump SPST relay 10A, 250VAC	66 EndP	End Programming.	B = Fan wi	ll remain always ON.	Example: if th	is parameter is set	to 12 LPM controller will
HGSV SPST relay 5A,250VAC 0 perating temp. : 0°C to 60°C (non-condensing)	Parameter	<u>List :</u>	<i>L-on</i> = Fanwi	Il switch ON/OFF with compressor.	CS1 and CS2	delav are also appli	cable for this fault.
Operating humidity: 20% to 85% (non-condensing) Storage temp :-25°C to 60°C (non-condensing)	1 562	SET MODE		d 15 [-on [-d	<u>17</u>	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Min Max Fac.
Input :NTC probe, SZ-T75 Measuring Range : -40.0°C to 80.0°C Eleve Sanger Input : - Resolution : 0.1 LPM	Paramete	er	14 <u>5</u> E 17 Parameter	Function: To set Fan start delay before			8 LPM 15 LPM 12 LPM
Range : 2 to 30 LPM Digital Input (Potential free): HP. LP. AUX/WFS. COMP O/L.		Touch & hold	Example : If fa	an is running with compressor and if this delay	ris 28 FL 3	Function : To s	et flow sensor calibration.
FAN O/L, PUMP O/L, SPP, Water Level	Display will s	how set value. Touch SET key again and set value	set to 10secor compressor	nds then fan will switch ON 10seconds bef	Example : If	the actual temper	ature is 20.0°C and the
RS485 Connectivity : Modbus RTU Protocol Baud Rate : 9600	UP/DOWN k	ey. After selecting the desired value, touch the set can see "" which confirms that the set point has		Min Max Fa	temperature of parameter to	-2.0°C and once	shows 22.0°C set this out of this mode, the
Resolution : +/- 0.5°C Accuracy : +/- 1°C	been stored	n memory.	15 ccc	10sec 20sec 10 s	ec temperature w	II display 20.0°C. (22	2.0°C-2.0°C).
		ST7+ ST6- 10.0°C	Parameter	Function : To set Liquid probe calibration			-10.0°C 10.0°C 0.0°C
		PROGRAM MODE	Example : If temperature on	the actual temperature is 20.0°C and the controller shows 22.0°C set this paramete	he to 29 RL /	Function : To set	ogic for HP fault sensing.
	2 To set oth Parameter	rs. key for 2 seconds. Display will ask for	-2.0°C and onc 20.0°C. (22.0°C	e out of this mode, the temperature will disp c-2.0°C).	ay Parameter		-
	Touch & ho	Password. After entering correct password "ST3" parameter will be displayed.		Min Max Fa	$\frac{d}{DPE_{P}} = HP fau$	It sensing disabled. oller will sense HP fa	ault when switch is open.
	l 🕅	To go to other parameters, use UP/DOWN keys.		-10.0°C 10.0°C 0.0		iller will sense HP fa	uit when switch is closed. Min Max Fac.
	key for 2 seconds						d IS CLOS CLOS

Bandyee History Law (2000) Diamage History Law (2000) <td< th=""><th>xample: If this ill ignore HP /</th><th>compressor ON for (O/L / Pump O/L).</th><th>(HP / Com</th><th>g delay on ıp O/L / Fan</th><th>46 <u>AL2</u> I Parameter</th><th>Function : To set logic sensing.</th><th>for SPPR fault</th><th></th></td<>	xample: If this ill ignore HP /	compressor ON for (O/L / Pump O/L).	(HP / Com	g delay on ıp O/L / Fan	46 <u>AL2</u> I Parameter	Function : To set logic sensing.	for SPPR fault	
Configuration Configu		delay is set to 5 secor Comp O/L / Fan O/L fa	nds then th	ne controller		ller will sense SPP fault w	hen switch is ope	en.
Image: Name	ompressor ON	it avoid false tripping of	Compres	sor.	<i>ELOS</i> = Contro	ller will sense SPP fault w	hen switch is clo	sed.
Image:			Min	Max Fac.			Min Max	Fac.
Parameter Current is a balance and the setting is a balance and	RL3	Function : This parar	meter will s	set HP/AFT	47 81.22	Function - To and to		LLUD
BA: - Statute (Frequence) Main		fault to Auto or Manu	al reset.		Parameter	sensing.	IC IOF AUX/EVVF	5 laun
Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registrong details Image: Provide registr	Rn = Sets HP/.	AFT faults as Manual re	ettable. l	Jser need to	d /S = Disable	e. is open.	Min Max	Fac.
BAS Parameter Function: To set logic for LPB and sensing ST S	essitor key i	o clear these faults.	Min 1	Max Fac.	<i>CLOS</i> = Switch	is closed.	d 15 [CLOS	CLOS
B AP Parameter Image: Second			Ruto i	ñAn Ruto	48 <i>RL27</i> Parameter	Function : To set logic sensing.	c for Level Swit	ch fault
Image: Second line of the second line	RLY Parameter	Function : No. of retr	ials of HP.		d /5 = Disable	e.		
Image: Second served senses Level weight hand the sense level w			Min M	Max Fac.	open.	oller will sense Level switch	n fault when swite	n is
B Control Description 25 = DP fault sensing displated. Presenter Mm <			0	5 3	CLOS = Contro	ller will sense Level switch	h fault when swite	ch is
If S	RL5 Parameter	Function : To set logic	for LP fau	lt sensing.			Min Max	Fac.
PP = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense JP fault when suitch is good. ID = - Controller will sense	/S = LP fault	sensing disabled.			49 <i>8128</i>	Function : To set liquid	level switching	delay.
Mn Max Fac. 01 0.5 CLOS (COS) 0.0	$PE_{O} = Controll LOS = Controll$	ər will sense LP fault wh er will sense LP fault wh	nen switch nen switch	is open. is closed.	Parameter			-
Bit S Parameter Function: To set LP builts easing datay of the controller data with the controller data with plans of Configure atter with and the controller data with the service is the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the plans of Configure atter with and the controller data with the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be configure atter with and the control with a set to be con			Min Min	Max Fac.			Min Max	Fac.
Parameter Compression Control Parameter Control Signer Signer <td< td=""><td><i>8L6</i></td><td>Function: To set LP (</td><td>fault sensi</td><td>ing delay on</td><td>50 <i>RL29</i></td><td>Function : To configure</td><td>alarm relay.</td><td>10 000</td></td<>	<i>8L6</i>	Function: To set LP (fault sensi	ing delay on	50 <i>RL29</i>	Function : To configure	alarm relay.	10 000
Main Max Max <td>Parameter</td> <td>compressor on.</td> <td></td> <td></td> <td>Parameter</td> <td>activate at nO</td> <td>,</td> <td></td>	Parameter	compressor on.			Parameter	activate at nO	,	
Mate Max Fac. Sign 1 Function : This parameter will set LP function : This	xample: If this ill ignore LP fai	delay is set to 40 secon ult for 40 seconds after (nds then the compresso	ne controller or on it avoid	רם יאומיייינייי הב :Alarm will	activate at nC.		Fac.
Same Parameter Sint 1 Function : This parameter will set LP function : This default is set to Same than at Same 1995 Sint 2 Same 1	ise tripping of	Jompressor.	Min	Max Fac.	51 <u>r</u> s i	Function : It sets power		
B(C) Function: This parameter will set LP fault Also = Seta LP faults as Adva resetable. Imin Also = Seta LP faults as Adva resetable. Imin Also = Seta LP faults as Adva resetable. Imin Also = Seta LP faults as Adva resetable. Imin Also = Seta LP faults as Manal resetable. Imin Parameter Function: The set logic for Comp OL fault Parameter Function: This parameter will set LP fault Parameter Function: This parameter will set Comp If 2.9 Function: This parameter will set Comp Parameter Function: This parameter will set Comp If 3 = Comp OL fault set Adva resetable. Imin If 4 = Parameter Function: This parameter will set Comp If 4 = Parameter Function: This parameter will set Comp If 5 = Comp OL fault set Adva resetable. Imin If 4 = Parameter Function: This parameter will set Comp If 4 = Parameter Function: This parameter will set Comp If 4 = Parameter Function: This parameter will set Comp If 5 = Comp OL fault set Adva resetable. Imin If 4 = Parameter Function: This parameter will set Comp If 5 = Comp OL fault set Adva res			5 sec 9	0 sec 40 sec	Parameter	EWFS fault sensing.		
Image: The set of the	AL 7 Parameter	Function : This parar	neter will s	set LP fault	Example :If the controller will ig	nis delay is set to 30 s nore EWFS fault for 30 se	sec then at pove	ver ON
BYR = SEE LP function as Manual resettable. User need to reses RST key To clear these fuels. Min Max Fac. MAR Max Fac. RAVE	Jeo = Sets LP	faults as Auto resettabl	е.				Min Max	Fac.
MnMaxFac RASoParameter $RASORASORASORASORASORASORASORASORASORASOFunction : No. of retrials of LPRASORameterFunction : To set logic for Comp OL faultRSOFunction : To set logic for Comp OL faultRSOComp OL fault sense Comp OL faultRSOFunction : This parameter will set CompCLSSComp OL faultRSOSet Comp OL faultRSOSe$	n = Sets LP f ess RST key	aults as Manual resetta To clear these faults.	able. User	need to	52 <u>[52</u>	Function : It sets norm	nal delay for EW	- S fault
RLSD Function : No. of retriats of LP. Parameter Function : No. of retriats of LP. Min Max Fac. Description Second Line Min Max Parameter Function : To set logic for Comp OL fault Min Max Fac. OF 5 Controller will sense Comp OL fault when switch is close a controller will sense Comp OL fault sense manual resetable. Min Max Fac. Of 1 Function : This parameter Function : This parameter will sense Comp OL fault sens	-		Min	Max Fac.	Parameter	sensing. This avoids fa splashing.	lse tripping due t	o water
Market Parameter Function : No. of retrials of LP. Market Second Se	010	1	Ruto i	nRn Rubo	Example : If th	is delay is set to 5 sec th	en controller wil	trip on
MinMaxFac. a $\frac{Min}{2}$ <td>HLB Parameter</td> <td>Function : No. of retr</td> <td>ials of LP.</td> <td></td> <td></td> <td>, in persists for more than</td> <td>Min May</td> <td>Fac</td>	HLB Parameter	Function : No. of retr	ials of LP.			, in persists for more than	Min May	Fac
053If 1.9 ParameterFunction : To set logic for Comp OL full ParameterFunction: Second line display. ParameterIf 5Correl II sense Comp OL fault when switch is closed.MaxFac. d 5If 0Correl II sense Comp OL fault when switch is closed.MaxFac. d 5If 1Function: This parameter will set Comp OL fault when switch is closed.MinMaxIf 1Function: This parameter will set Comp OL fault set No fault set			Min	Max Fac.			0 Sec 90 Sec	5 Sec
M H.S. Parameter Parameter Parameter Parameter Parameter Parameter Comp OL fault sense Comp OL fault when switch is closed. Min Max Fac. C S = Controller will sense Comp OL fault when switch is closed. Min Max Fac. Sci CLS Comp OL fault sense faults. Parameter Function: This parameter will sense faults. Min Max Fac. Min Min <td< td=""><td>0.5</td><td></td><td>0</td><td>5 3</td><td>53 [5 12</td><td>Function: Second line di</td><td>splay.</td><td></td></td<>	0.5		0	5 3	53 [5 12	Function: Second line di	splay.	
If S = Comp OL fault sensing disabled. If C = Comp OL fault sense Comp OL fault when switch is closed. If L = The Comp OL fault sense Comp OL fault when switch is closed. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The Comp OL fault search to manual resettable. If L = The CommoL is noset togic for Fan OL fault when switch is comp.	RL9 Parameter	Function : To set log sensing.	jic for Con	np O/L fault	Example :			
$\begin{array}{c} \frac{\log r}{\log r} & \frac{\log r}{\log r} \\ \frac{\log r}{\log $	15 = Comp()/L fault sensing disable	ed.	n owitch io	Whether Set Po	pint or Antifreeze or LPM o	r Both(AFT/LPM).
2.05 = Controller will sense Comp OL. Hault when switch is copen. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA = It will display LPM value. IPA =	open.				5EEP = It will dis	play set point value.		
Image: Construction Imagee: Construction Image: Construction	closed.	er will sense Comp O/L	Min	Max Fac.	H=E = It will disp	olay antifreeze value.		
\overline{B}_{1} : \overline{D}_{1} Function : This parameter will set Comp OL fault so Auto resettable. Size - Sets Comp OL faults as Manual resettable. Size - Sets Comp OL faults as Manual resettable. $\overline{R}A = Sets Comp OL faults as Manual resettable.\overline{R}A = Sets Comp OL faults as Manual resettable.\overline{R}A = \overline{R}A =$			d 15 C	LOS CLOS		olay LPM value.	alternative	
ParameterUnit and Value of waith a lesse. $\underline{(k)c} = 5ets Comp Olf, faults as Manual resettable.\frac{3}{2k}c = 5ets Comp Olf, faults as Manual resettable.\underline{(k)c} = 5ets Comp Olf, faults as Manual resettable.\underline{(k)c} = 5ets Comp Olf, faults as Manual resettable.\frac{3}{2k} L i : i = 1 \model{mainter} Parameter\underline{(k)c} = 5ets Comp Olf, faults as Manual resettable.\underline{(k)c} = 5ets Comp Olf, faults as Manual resettable.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change modulus unit\underline{(k)c} = 5ets Comp Olf, faults as Manual resettable.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To change baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To isok source baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To isok source baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFunction : To isok source baud rate.\frac{3}{2k} L i : i = 1 \model{mainter} ParameterFuncti$	AL 10	Function : This parar	neter will s	set Comp			Min Max	Fac.
SRA = Sets Comp OJL faults as Manual resettable. Jeer need to press RST key To clear these faults. Min Max RL 11 Function : No. of retrials of Comp OL. Parameter Imin Max Fac. 0 R. 1/2 Parameter Function : No. of retrials of Comp OL. Marker Function : To set logic for Pump OL fault SPE = Controller will sense Pump OL fault when switch is closed. Min OL 12 CL 05 OL 12 Function : This parameter will set Pump OL faults as Manual resettable. SPE = Sens Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Manual resettable. SPE = Sets Pump OL faults as Ma	Parameter	mp O/L faults as Auto re	esettable.	et			SEEP both	SEEP
MinMaxFac. $R_L l1$ ParameterFunction : No. of retrials of Corp O/L. $R_L l2$ ParameterFunction : To set logic for Pump O/L fault sensing. Min Max fS = Pump O/L fault sensing disabled. Pc_r Controller will sense Pump O/L fault when switch is open. $CLOS$ = Controller will sense Pump O/L fault when switch is cosed. Min Max Acc Sts $RL l3$ ParameterFunction : This parameter will set Pump O/L fault to Auto or Manual resettable. $RL l3$ ParameterFunction : This parameter will set Pump O/L fault to Auto or Manual resettable. $RL l3$ ParameterFunction : No. of retrials of Pump O/L. $RL l3$ ParameterFunction : To set logic for Fan O/L fault when locked all parameters can only be viewed modified. $RL l3$ ParameterFunction : To set logic for Fan O/L fault sets pump O/L fault sets Auto resetable. $RL l3$ ParameterFunction : To set logic for Fan O/L fault sets pump O/L fault sets and resetable. $RL l3$ ParameterFunction : To set logic for Fan O/L fault Parameter $RL l5$ Fan O/L fault set Auto resetable. $RL l5$ ParameterFunction : To set logic for Fan O/L fault Parameter $RL l5$ ParameterFunction : To set logic for Fan O/L fault Parameter $RL l5$ ParameterFunction : To set logic for Fan O/L fault Parameter $RL l5$ ParameterFunction : To display total Ce Parameter $RL l5$ ParameterFunction : To display total Ce Parameter <t< td=""><td>9n = Sets Cor ser need to pr</td><td>np O/L faults as Manua ess RST key To clear t</td><td>al resettab these fault</td><td>ole. ts.</td><td>NOTE :If an corresponding</td><td>y of the parameters g to second line disp</td><td>i.e. (AF1 o lay parameter</td><td>FL1) is not</td></t<>	9n = Sets Cor ser need to pr	np O/L faults as Manua ess RST key To clear t	al resettab these fault	ole. ts.	NOTE :If an corresponding	y of the parameters g to second line disp	i.e. (AF1 o lay parameter	FL1) is not
RubbleRubble $R_{L} litFunction : No. of retrials of Comp OL.ParameterFunction : To set logic for Pump OL.MinMaxParametersensing.S = Pump OL fault sensing disabled.Pcr = Controller will sense Pump OL fault when switch is open.OL 12Function : To set logic for Pump OL fault when switch is open.OL 12Function : This parameter will set Pump OL fault shark reactable.MinMaxR_{L} 0 = Set Pump OL fault set Auto resettable.R_{L} 13Function : To iset logic for Fan OL fault set faults.MinMaxR_{L} 14Function : No. of retrials of Pump OL.MinMaxR_{L} 17Function : To set logic for Fan OL fault set Share setable.R_{L} 17Function : To set logic for Fan OL fault set Share setable.R_{L} 17Function : To set logic for Fan OL fault set Share setable.R_{L} 17Function : To set logic for Fan OL fault set fan OLParameterFunction : To set logic for Fan OL fault sensing disabled.Pc_{L} 16Fanction : To set logic for Fan OL fault sensing classled.PrameterFunction : To set logic for Fan OL fault sensing classled.ParameterFunction : To set logic for Fan OL fault sensing classled.ParameterFunction : To set logic for Fan OL fault when switch is closed.MinMaxParameterFanction : To set logic for Fan OL fault sensing classled.ParameterFanction : To set logic for Fan OL fault sensing classled.$			Min	Max Fac.	selected, then the controller	it will display the value (St2 parameter).	of cut out Set F	oint of
By R. I /1 ParameterFunction : No. of retrials of Comp O/L. <	-		Ruto i	ñAn Ruto	54 [5 3 Baramotor	Function : To change	modbus unit ID.	
MinMaxFac. 0 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1		1	ials of Cor	mn O/I	To change mod	bus unit ID for BMS conne		
Image: controller will sense pump O/L fault sensing disabled.Image: controller will sense pump O/L fault when switch is closed.Image: controller will sense pump O/L fault when switch is closed.Image: controller will sense pump O/L fault when switch is closed.Image: controller will sense pump O/L fault when switch is closed.Image: controller will sense pump O/L fault when switch is closed.Image: controller will sense pump O/L fault sense pump O/L fault sense pump O/L fault sense parameterImage: controller will sense pump O/L fault sense parameterImage: controller will sense pump O/L fault sense parameterImage: controller will	RL 11 Parameter	Function : No. of retr			This parameter	will bot obobac ob tootob	ectivity.	
If R: 12 ParameterFunction : To set logic for Pump O/L fault sensing.Function : To set logic for Pump O/L fault ParameterFunction : To change baud rate.If S = Pump O/L fault sense Pump O/L fault when switch is 	RL 11 Parameter	Function : No. of retr	Min Min	Max Fac.	This parameter	will not change on factory	ectivity. v set.	Fac
d /5= Pump O/L fault sensing disabled. $D^{P}C_{n}$ = Controller will sense Pump O/L fault when switch is closed.Communication baud rate can set to, 1 = 9600 $L^{1}D_{n}^{1}$ = Site Sump O/L fault sense Pump O/L fault when switch is closed.MinMax Max Fac. M_{1n}^{1} / / / M_{2n}^{1} = Sets Pump O/L faults as Autor resettable.Site C / / / / 	RL I I Parameter	Function : No. of retr	Min N	Max Fac. 5 3	This parameter	will not change on factory	Min Max 1 250	Fac.
$\begin{array}{c} 1 = 9600 \\ \text{open.} \\ \hline 1 = 9600 \\ \text{open.} \\ \hline 1 = 9200 \\ \text{a} = 38400 \\ \hline 1 = 33400 \\ \hline 1 = 39200 \\ \hline 1 = 39200 \\ \hline 1 = 9200 \\$	RL Parameter RL I2 Parameter	Function : No. of retr Function : To set log sensing.	Min N 0 Jic for Pun	Max Fac. 5 3 np O/L fault	This parameter	Function : To change	Min Max 1 250 baud rate.	Fac. -
Image: Controller will sense Pump O/L traut when switch is closed. Min Max Fac. disclosed. 1 3 If R, 13 Parameter Function : This parameter will set Pump O/L fault to Auto or Manual reset. Function: To change Password. Parameter If R, 13 Parameter Function : This parameter will set Pump O/L fault sa Autoresettable. Min Max Fac. list parameter is used to lock the keypad. If R, 19 Parameter Function : No. of retrials of Pump O/L. Parameter Function: To lock keypad. If R, 15 Parameter Function : No. of retrials of Pump O/L. Parameter This parameter is used to lock the keypad so that tar no isolibe by by-standers. If R, 15 Parameter Function : To set logic for Fan O/L fault sensing disabled. If S = Fan O/L fault sense fan O/L fault when switch is open. Min Max Fac. controller will sense Fan O/L fault when switch is open. Min Max Fac. Controller will sense Fan O/L fault when switch is open. Min Max Fac. Controller will sense Fan O/L fault sa Autoresettable. Si S 15 / S Function : To display total Controller. If R, 15 Parameter Function : This parameter will set Fan O/L faults as Autoresettable. Si S 15 / S Function : To display total Controller. If R, 15 Parameter Function : No. of retrials of Fan O/L. Min M	RL 11 Parameter RL 12 Parameter 15 = Pump C	Function : No. of retr Function : To set log sensing.	Min 1 0 gic for Pun	Max Fac. 5 3 np O/L fault	This parameter 55 [5 /4 Parameter Communication	Function : To change on factory	A civity. / set. Min Max 1 250 baud rate.	Fac.
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\mathbf{A}_{L} / 3 ParameterFunction : This parameter will set Pump O/L faults as Auto resettable. \overline{A}_{D} = Sets Pump O/L faults as Manual resettable. \overline{A}_{D} = Sets Pano/L fault sensing disabled. $\mathcal{P}_{Parameter}$ User cannot enter into program mode, if correct pass entered. \mathcal{P}_{L} /9 Parameter \overline{M}_{In} \overline{Max} Fac. 0 5 3 \overline{S} (S /5 S = Keypad unlocked \mathcal{E}_{D}	RL I2 Parameter RL I2 Parameter I5 = Pump C PEn = Control open. L05 = Control closed.	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L	Min I 0 gic for Pun ed. fault wher Min I	Max Fac. 5 3 np O/L fault n switch is <u>n switch is</u> <u>Vax</u> Fac.	55 [5] !4 Parameter Communication 1 9600 2 19200 3 38400 55 [5]	Function : To change on factory	Min Max 1 250 baud rate. Min Max 1 3	Fac. - Fac. -
ParameterImage: Display total Control of Multiple reset. $Puble =$ Sets Pump O/L faults as Autoresettable. $Jac =$ Sets Pump O/L faults as Manual resettable. $Jac =$ Sets Pump O/L faults as Manual resettable. $Iac = Display total Fault (Display total Fault)Iac = Display total Fault (Display total Fault)Iar = Display total Fault)Iar = Display total Fault)Ia$	IRL 11 Parameter IS = Pump C PEn = Control open. LUS = Control closed.	Function : No. of retr Function : To set log sensing. J/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L	Min I o gic for Pun ed. fault wher Min I d IS C	Max Fac. 5 3 mp O/L fault n switch is n switch is Max Fac. 'LOS CLOS	55 [5] [4] Parameter Communication 1 9600 2 2 19200 3 3 38400 36 56 [5] 15 Parameter 15 15	Function : To change n baud rate can set to,	Min Max 1 250 baud rate. Min Max 1 3 ssword.	Fac. - Fac. -
<i>i R</i> _i = Sets Pump O/L faults as Manual resettable. Jser need to press RST key To clear these faults. <u>Min Max Fac.</u> <u>Parameter</u> <u>Min Max Fac.</u> <u>R_L /5</u> <u>Function : No. of retrials of Pump O/L.</u> <u>Min Max Fac.</u> <u>Parameter</u> <u>Min Max Fac.</u> <u>0 5 3</u> <u>Sf C 5 /6</u> <u>Parameter</u> <u>Parameter</u> <u>Min Max Fac.</u> <u>0 5 3</u> <u>Sf C 5 /6</u> <u>Purameter</u> <u>Function : No. of retrials of Pump O/L.</u> <u>Min Max Fac.</u> <u>0 5 3</u> <u>Function : To set logic for Fan O/L fault sensing. <u>J F = keypad unlocked</u> <u>Min Max Fac.</u> <u>0 retrials of Logic for Fan O/L fault sensing. <u>LP</u> <u>Min Max Fac.</u> <u>G /5 C /7</u> <u>J RL /5</u> <u>Function : This parameter will set Fan O/L faults as Manual resettable. <u>Sub c = Sets Fan O/L faults as Manual resettable. <u>Sub c = Sets Fan O/L faults as Manual resettable. <u>J RL /17</u> <u>Parameter</u> <u>Min Max Fac.</u> <u>Rub c i rin Max Fac.</u> <u>Rub c i rin Max Fac.</u> <u>Sub C 5 /3</u> <u>Function : To display total Pum Parameter</u> <u>J RL /17</u> <u>Parameter</u> <u>Function : No. of r</u></u></u></u></u></u>	IRL 11 Parameter IS = Pump C PEn = Control open. LOS = Control closed. IRL 13 Parameter	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L	Min I o gic for Pun ed. fault when Min I d IS C	Max Fac. 5 3 np O/L fault n switch is <u>n switch is</u> <u>Max Fac.</u> <u>'L05 LL05</u> et Pump et	55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot en entered.	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if	Min Max 1 250 baud rate. Min Max 1 3 ssword.	Fac. - Fac. -
MinMaxFac. $R_{L,LO}$ $R_{R,LO}$ $R_{R,LO}$ $R_{L,LO}$ $R_{R,LO}$ $R_{R,LO}$ $R_{L,LO}$ Function : No. of retrials of Pump O/L. $R_{R,LO}$ Min Max $R_{R,LO}$ Function : To set logic for Fan O/L fault $R_{L,DO}$ Function : To set logic for Fan O/L fault $R_{L,DO}$ Function : To set logic for Fan O/L fault $R_{L,DO}$ Function : To set logic for Fan O/L fault $Parameter$ Function : To set logic for Fan O/L fault $Parameter$ Function : To set logic for Fan O/L fault $Parameter$ Function : To set logic for Fan O/L fault $Parameter$ Function : To set logic for Fan O/L fault $Parameter$ Controller will sense Fan O/L fault when switch is closed. $QLO =$ Controller will sense Fan O/L fault when switch is closed. $R_{L,IS}$ Function : This parameter wills et Fan O/L $R_{L,IS}$ Function : This parameter will set Fan O/L $R_{L,IS}$ Function : This parameter will set Fan O/L $R_{L,IS}$ Function : To clear these faults. $R_{L,IS}$ Function : No. of retrials of Fan O/L $R_{L,IS}$ Function : No. of retrials of Fan O/L. $R_{L,IS}$ Function : No. of retrials of Fan O/L. $R_{L,IS}$ Function : No. of retrials of Fan O/L. $R_{L,IS}$ Function : No. of retrials of Fan O/L. $R_{L,IS}$ Function : No. of retrials of Fan O/L. $R_{L,IS}$ Function : No. of retrials of Fan O/L. $R_{L,IS}$ Function : No. of retrials of Fan O/L. </td <td>IRL 11 Parameter IS = Pump C PEn = Control closed. IS = Control RL 13 Parameter LD = Sets Pu</br></br></td> <td>Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L fault sense Pump O/L pruction : This parar O/L fault to Auto or M mp O/L faults as Auto re</td> <td>$\frac{\text{Min}}{\text{gic for Pun}}$ $\frac{\text{gic for Pun}}{\text{gic for Pun}}$ $\frac{\text{fault wher}}{\text{fault wher}}$ $\frac{\text{fault wher}}{\text{Min}}$ $\frac{\text{fault wher}}{\text{fault wher}}$ $\frac{\text{Min}}{\text{gic for for Pun}}$ $\frac{\text{fault wher}}{\text{gic for Pun}}$</td> <td>Max Fac. 5 3 np O/L fault n switch is <u>n switch is</u> <u>Max Fac.</u> <u>105 CL05</u> set Pump et.</td> <td>This parameter 55 [5 /4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 /5 Parameter User cannot en entered.</td> <td>Function : To change n baud rate can set to, Function: To change Pas</td> <td>Min Max 1 250 baud rate. Min Max 1 3 ssword.</td> <td>Fac. - d is not</td>	IRL 11 Parameter IS = Pump C PEn = Control closed. 	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L fault sense Pump O/L pruction : This parar O/L fault to Auto or M mp O/L faults as Auto re	$\frac{\text{Min}}{\text{gic for Pun}}$ $\frac{\text{gic for Pun}}{\text{gic for Pun}}$ $\frac{\text{fault wher}}{\text{fault wher}}$ $\frac{\text{fault wher}}{\text{Min}}$ $\frac{\text{fault wher}}{\text{fault wher}}$ $\frac{\text{Min}}{\text{gic for for Pun}}$ $\frac{\text{fault wher}}{\text{gic for Pun}}$	Max Fac. 5 3 np O/L fault n switch is <u>n switch is</u> <u>Max Fac.</u> <u>105 CL05</u> set Pump et.	This parameter 55 [5 /4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 /5 Parameter User cannot en entered.	Function : To change n baud rate can set to, Function: To change Pas	Min Max 1 250 baud rate. Min Max 1 3 ssword.	Fac. - d is not
R_{uLco} $\bar{n}R_n$ R_{uLco} R_{uLco} Function : No. of retrials of Pump O/L.This parameter is used to lock the keypad so that tain to possible by by-standers. R_{uLco} \bar{m} \bar{m} \bar{m} $$	RL 11 Parameter RL 12 Parameter I5 = Pump C PEn = Control open. LD5 = Control closed. RL 13 Parameter JEo = Sets Pu Rn = Sets Purser Ser need to pr	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L fault to Auto or M mp O/L faults as Auto re np O/L faults as Manue ess RST key To clear t	Min I o gic for Pun ed. fault wher fault wher d 15 C neter will s fanual res settable. al resettab these fault	Max Fac. 5 3 mp O/L fault n switch is Max Fac. 1/205 CL05 set Pump et.	This parameter 55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot en entered. 57 [5 5 15	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if	Min Max 1 250 baud rate. Min Max 1 3 ssword. correct password. Min Max 0 9999	Fac. - Fac. - d is not Fac. 0
Image: Arrow of the section is the sectin the section is the section is the sec	IRL I I Parameter IS Parameter IS Perameter IS Poper Control open. LOS Control closed. RL I3 Parameter JEo Sets Pur Set need to pr	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L fault to Auto or M mp O/L faults as Auto re np O/L faults as Manue ess RST key To clear t	Min I 0 0 add 15 add	Max Fac. 5 3 np O/L fault n switch is n switch is Max Fac. ¹ L05 EL05 set Pump et. 	55 [5] 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 Parameter User cannot enentered. 57 5	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock key	Min Max 1 250 baud rate. Min Min Max 1 3 ssword. Correct password Min Max 0 9999 pad.	Fac. - - d is not Fac. 0
MinMaxFac. 0 \underline{Min} \underline{Max} Fac. 0 $\underline{0}$ $\underline{5}$ $\underline{3}$ $\underline{3}$ \underline{R}_{L} $\underline{15}$ ParameterFunction : To set logic for Fan O/L fault sensing. \underline{d} $\underline{15}$ Fault sensing disabled. \underline{DPEn} Controller will sense Fan O/L fault when switch is open. $\underline{CLD5}$ = Controller will sense Fan O/L fault when switch is closed. \underline{Min} Max \underline{A} $\underline{15}$ $\underline{LD5}$ = Controller will sense Fan O/L fault when switch is closed. \underline{Min} Max \underline{A} $\underline{15}$ $\underline{L05}$ Function : This parameter will set Fan O/L fault to Auto or Manual reset. $\underline{Nub}co$ Sets Fan O/L faults as Auto resettable \overline{Bn} = Sets Fan O/L faults as Manual resettable. $\underline{3ubco}$ \overline{Bn} \underline{Nin} \underline{Max} \underline{Min} \underline{Max} <td< td=""><td>RL 11 Parameter RL 12 Parameter 15 = Pump C PEn = Control open. L05 = Control closed. RL 13 Parameter JCo = Sets Pur Rn = Sets Pur Ser need to pr</td><td>Function : No. of retr Function : To set log sensing. D/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L fault to Auto or M mp O/L faults as Auto re np O/L faults as Manua ess RST key To clear t</td><td>Min I 0 0 gic for Pur 0 add add fault wher 0 a fault wher 0 Min I d IS C meter wills Nanual res settable. al resettable hese fault Min Min I Ruteo r</td><td>Max Fac. 5 3 mp O/L fault n switch is <u>n switch is</u> Max Fac. <i>LOS LLOS</i> set Pump et. s. 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Max Fac. <i>S.</i> Max Fac. <i>S.</i> <i>Max Fac.</i> <i>S.</i> <i>Max Fac.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>Max Fac.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S.</i> <i>S</i>	This parameter 55 [5] 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5] 15 Parameter User cannot enentered. 57 [5] 15 Parameter This parameter This parameter This parameter	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp r is used to lock the keyp by-standers.	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053 B_{L} /5 ParameterFunction : To set logic for Fan O/L fault sensing.Note : If LP parameter is set to ENB and if user tries any parameter value, "LP" will flash on the display. D_{PCn} Controller will sense Fan O/L fault when switch is open. LP MinMa Ma d /5Enction : To restore default setting d /5Enction : To display total Co working hours. S_{L} /5///S///S///SS <td< td=""><td>RL II Parameter RL I2 Parameter I5 = Pump C PEn = Control open. LD5 = Control closed. RL I3 Parameter LD5 = Sets Pur Rh = Sets Pur Ser need to pr RL I4 Parameter RL I4 Parameter RL I4 Parameter</td><td>Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L fault to Auto or M mp O/L faults as Auto re np O/L faults as Manua ess RST key To clear t</td><td>Min I 0 0 gic for Pur ed. fault wher - fault wher Min Ø 15 Deter will s Aanual res settable. al resettable hese fault Min Ruce of ials of Pur</td><td>Max Fac. 5 3 np O/L fault n switch is n switch is Max Fac. <i>'L05 LL05</i> set Pump et. set Pump et. <i>'L05 LL05</i> np O/L. <i>'RuEo</i> np O/L.</td><td>This parameter 55 [5 :4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 :5 Parameter User cannot en entered. 57 [5 :6 Parameter This parameter not possible by d :5 = keypad Enb = keypad</br></td><td>Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked</td><td>Min Max 1 250 baud rate. Min Max 1 3 3 ssword. correct password. Min Max 0 9999 pad. ad so that tamp</td><td>Fac. - - d is not Fac. 0 ering is</td></td<>	RL II Parameter RL I2 Parameter I5 = Pump C PEn = Control open. LD5 = Control closed. RL I3 Parameter LD5 = Sets Pur Rh = Sets Pur Ser need to pr RL I4 Parameter RL I4 Parameter RL I4 Parameter	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L ler will sense Pump O/L fault to Auto or M mp O/L faults as Auto re np O/L faults as Manua ess RST key To clear t	Min I 0 0 gic for Pur ed. fault wher - fault wher Min Ø 15 Deter will s Aanual res settable. al resettable hese fault Min Ruce of ials of Pur	Max Fac. 5 3 np O/L fault n switch is n switch is Max Fac. <i>'L05 LL05</i> set Pump et. set Pump et. <i>'L05 LL05</i> np O/L. <i>'RuEo</i> np O/L.	This parameter 55 [5 :4 Parameter 	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked	Min Max 1 250 baud rate. Min Max 1 3 3 ssword. correct password. Min Max 0 9999 pad. ad so that tamp	Fac. - - d is not Fac. 0 ering is
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BPEn = Controller will sense Fan O/L fault when switch is open. Flashing B /S En CL05 = Controller will sense Fan O/L fault when switch is closed. Min Max Fac. Function : To restore default setting controller. Br //S En Min Max Fac. Go /S En Br //S En Min Max Fac. Go /S En Br //S En Min Max Fac. Go /S En Br //S En Min Max Fac. Parameter When set to YES all parameters are programmed values. Br //S En Min Max Fac. When set to YES all parameters are programmed values. Br //S En Min Ma Ma Ma Jase raned to press RST key To clear these faults. Min	RL I Parameter RL I2 Parameter I5 = Pump C PEn = Control open. LD5 = Control closed. RL I3 Parameter LD5 = Sets Pur ser need to pr RL I4 Parameter RL I4 Parameter RL I4 Parameter RL I4 Parameter RL I4 Parameter RL I5 Parameter RL RL RL RL RL RL RL RL RL R R R <t< td=""><td>Function : No. of retr Function : To set log sensing. D/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Ier will sense Pump O/L Ier will sense Pump O/L Punction : This parar O/L fault to Auto or N mp O/L faults as Auto re np O/L faults as Manueless RST key To clear to Function : No. of retr Function : No. of retr</td><td>$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ fault when \\ \hline \\ ed. \\ fault when \\ \hline \\ \hline \\ af IS f C \\ \hline \\ \hline \\ meter will s \\ Aanual res \\ \hline \\ al resettable. \\ \hline \\ al resettabl$</td><td>Max Fac. 5 3 np O/L fault n switch is nswitch is Max Fac. 7L05 CL05 CL05 Set Pump et. Set Pump Ide. Is. Max Fac. Samp O/L Max Fac. 5 3 an O/L fault</td><td>55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot enered. 57 [5 16 Parameter This parameter not possible by d 15 = keypad <i>Erb</i> = keypad When locked modified. Note : If LP parameter</td><td>Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, " LP" will flash on th</td><td>A so that tamp y be viewed, the dif user tries to the display.</td><td>Fac. - - d is not Fac. 0 ering is out not</td></t<>	Function : No. of retr Function : To set log sensing. D/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Ier will sense Pump O/L Ier will sense Pump O/L Punction : This parar O/L fault to Auto or N mp O/L faults as Auto re np O/L faults as Manueless RST key To clear to Function : No. of retr Function : No. of retr	$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ fault when \\ \hline \\ ed. \\ fault when \\ \hline \\ \hline \\ af IS f C \\ \hline \\ \hline \\ meter will s \\ Aanual res \\ \hline \\ al resettable. \\ \hline \\ al resettabl$	Max Fac. 5 3 np O/L fault n switch is nswitch is Max Fac. 7L05 CL05 CL05 Set Pump et. Set Pump Ide. Is. Max Fac. Samp O/L Max Fac. 5 3 an O/L fault	55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot enered. 57 [5 16 Parameter This parameter not possible by d 15 = keypad <i>Erb</i> = keypad When locked modified. Note : If LP parameter	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, " LP" will flash on th	A so that tamp y be viewed, the dif user tries to the display.	Fac. - - d is not Fac. 0 ering is out not
$CLDS = Controller will sense Fan O/L fault when switch is closed. Min Max Fac. d /S CLDS CLDS CLDS R_L /S Function : This parameter will set Fan O/L faults as Auto resettable When set to YES all parameters are programmed values. Parameter Function : This parameter will set Fan O/L faults as Auto resettable Min Max Parameter Function : To lestore default set. When set to YES all parameters are programmed values. Parameter Function : This parameter will set Fan O/L faults as Manual reset. Min Max Parameter Function : To display total converting hours. Set / S / B Function : To display total Converting hours. Parameter Min Max Fac. Fac. R_L / 7 Function : No. of retrials of Fan O/L. Function : To display total Pum hours. Function : To display total Pum hours. S_R_L / 7 Function : No. of retrials of Fan O/L. Function : To clear Compressor run hours. Min Max Fac. G2 CS2P Function : To clear Compressor run hours. S_R_L / 7 Function : No. of retrials of Fan O/L. Min Max Fac. Min Min $	RL I Parameter RL I2 Parameter IS = Pump C PEn = Control open. LUS LUS = Control closed. RL RL I3 Parameter JEo = Sets Put Rn = Sets Put Set need to pr RL I4 Parameter RL RL I5 Parameter I5 Fan O/IL Fan O/IL	Function : No. of retr Function : To set log sensing. J/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Function : This parar O/L fault to Auto or M mp O/L faults as Auto re np O/L faults as Manual ess RST key To clear to the sense RST key To clear to the sensing. Function : No. of retr Function : To set log sensing.	Min I 0 0 gic for Pur 0 ed. fault wher _ fault wher Min _ d 15 C meter will s Anual res Aanual res settable. al resettabl Min Min I Rubor r ials of Pur - ials of Pur - gic for Fa -	Max Fac. 5 3 np O/L fault n switch is nswitch is Max Fac. 7.L 05 L 05 set Pump ret. Jle. ss. Max Fac. 7.Rn RuEo np O/L. Max Fac. 5 3 an O/L fault	This parameter 53 [5 :4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 55 [5 :5 Parameter User cannot en entered. 57 [5 :5 Parameter This parameter not possible by <i>d</i> :5 = keypad Erb = keypad Erb = keypad When locked modified. Note : If LP parameter	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th	A ctivity. y set. Min Max 1 250 baud rate. Min Max 1 3 ssword. correct password. Correct password. Correct password. Min Max 0 9999 pad. Mas that tamp y be viewed, the diffuser tries to re- e display. Min Max ad y C C - the display.	Fac. - Fac. - d is not Fac. 0 ering is but not change Fac. - -
MinMaxFac. d /5Vinen set to YES all parameters are programmed values. $d / S / L U / L U / $	RL I Parameter IS $Parameter$ IS IS Pump C PE_n Control open. LDS Control $Closed.$ RL R_L R_L R_L R_L R_L R_L R_L	Function : No. of retr Function : To set log sensing. D/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Punction : This parar O/L fault to Auto or N mp O/L fault to Auto or N mp O/L faults as Manue ess RST key To clear to Function : No. of retr Function : To set log sensing. . fault sensing disablec ier will sense Fan O/L fault	$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ fault when \\ \hline \\ \\ fault \\ \hline \\ \\ fault \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. 7L 05 CL 05 Set Pump iet. xis Max Fac. 7Rn Rubo mp O/L Max Fac. 5 3 n O/L switch is	55 [5 !4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 !5 Parameter User cannot enentered. 57 [5 !5 Parameter This parameter This parameter This parameter This parameter Not possible by <i>d</i> !5 = keypad! <i>Enb</i> = keypad! When locked modified. Note : If LP parameter 58 [5 ! 7	Function : To change Function : To change Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password Correct password Min Max 0 9999 pad. rad so that tamp y be viewed, the diffuse tries to be edisplay. Min Max d'15 Enb default settings of the default	Fac. - d is not Fac. 0 ering is out not change Fac. d 15 of the
Image: State Stat	RL 11 Parameter IS = Pump C IS = Pump C Pern = Control open. LDS = Control closed. RL 13 Parameter JE0 = Sets Pu RL 13 Parameter JE0 = Sets Purser RL 13 Parameter JE0 = Sets Purser RL 15 Parameter IS = Fan O/L PEn = Control open. LD5 = Control open. LD5 = Control open.	Function : No. of retr Function : To set log sensing. J/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L faults as Auto re np O/L faults as Manual ess RST key To clear to Function : No. of retr Function : No. of retr Isensing. . fault sensing disablection ier will sense Fan O/L fault	$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ fault when \\ \hline \\ a fault \\ \hline \\ \\ \hline \\ \\ a fault \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \hline \\ \\ \hline \hline \\ \hline \\ \hline \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline$	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. $7L05$ $L05$ set Pump ie. is. Max Fac. $7Rn$ $RuEo$ mp O/L. Max Fac. 5 3 an O/L witch is witch is	55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot enentered. 57 [5 15 Parameter This parameter This parameter This parameter This parameter When locked modified. Note : If LP parameter 58 [5 17 Parameter	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller.	Min Max 1 250 baud rate. Min Max 1 3 ssword. correct password. correct password. Min Max 0 9999 pad. ad so that tamp y be viewed, the d if user tries to redisplay. Min Max d'15 Enb default settings of the settings o	Fac. - - d is not Fac. 0 ering is out not change Fac. d 15 of the
Parameter fault to Auto or Manual reset. Min Ma $R_{\omega L o}$ Sets Fan O/L faults as Auto resettable. Jser need to press RST key To clear these faults. Min Ma Min Max Fac. Function : To display total Comparameter Sets Fan O/L faults as Manual resettable. Function : To display total Comparameter Function : To display total Comparameter Sets Fan O/L faults as Manual resettable. Function : To display total Comparameter Function : To display total Comparameter Sets Fan O/L faults as Manual resettable. Function : To display total Comparameter Function : To display total Pum Sets Fan O/L faults as Manual resettable. Min Max Fac. Min Max Fac. Function : To display total Pum Parameter Function : No. of retrials of Fan O/L. Parameter Min Max Fac. Function : To clear Compressor run Parameter Function : To clear Compressor run Parameter Min Max Fac. Min Ma 0 5 3 Min Ma	RL I Parameter IS = Pump C PE_n = Control LDS = Control LDS = Control LDS = Sets Pump RL I3 Parameter ALo ALo = Sets Pur ser need to pr RL I/4 Parameter RL I/5 Parameter I/5 RL I/5 Parameter I/5 RL I/5 RL I/5 Parameter I/5 RL I/5 RL I/5 RL I/5 RL I/5 RL I/5 R_D Control QDP_n Control QDP_n Control RL I/5 R_D Control R_D Control R_D Control R_D Control R_D Co	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L faults as Manue ess RST key To clear to Function : No. of retr Function : No. of retr Function : To set log sensing. . fault sensing disablection ler will sense Fan O/L fault sense Fan fault sense Fault sense Fan fault sense Fault sense Fan fault se	Min I 0 0 gic for Pur 0 ed. fault when fault when 0 anual resettable. 15 anual resettable. 15 anual resettable. 17 ials of Pur 10 gic for Fa 1 ault when s 1 ault when s 1	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. $CLOS$ CLOS set Pump iet. Set Pump iet. Max Fac. \overline{nRn} R_{UEO} Max Fac. \overline{nRn} R_{UEO} mp O/L. Max Fac. $\overline{5}$ 3 an O/L witch is iwitch is iwitch is Yaz \overline{Ias} Fac. \overline{Ias} Fac.	55 [5 !4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 !5 Parameter User cannot enentered. 57 [5 !5 Parameter This parameter This parameter This parameter This parameter Not parameter Note : If LP parameter any parameter 58 [5 !7 Parameter When set to Y values.	Function : To change Function : To change Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are particular	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 9999 pad. rad so that tamp y be viewed, the diffuse tries to redisplay. Min Max d'5 Enb default settings of programmed to	Fac. - d is not Fac. 0 Fac. 0 ering is out not change Fac. d IS of the factory
Mucco = Sets Fan O/L faults as Auto resettable no 92 Jser need to press RST key To clear these faults.	RL I Parameter IS = Pump C IS = Pump C PE_n = Control $open$. $Open$. US = Control $closed$. RL RL I3 Parameter JEo JEo = Sets Pur ser need to pr RL IS Parameter IS RL IS Parameter IS RL IS Parameter IS RL IS Parameter IS IS = Fan O/I PE_n = Control $Open$. DS LDS = Control $Closed$. RI RI IS	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Function : This parar O/L faults as Auto re np O/L faults as Auto re np O/L faults as Auto re ses RST key To clear the set of	$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ _ fault when \\ \hline \\ d IS C \\ \hline \\ \hline \\ meter will s \\ \hline \\ Aanual res \\ \hline \\ seettable. \\ al resettable. \\ \hline \\ al resettable. \\ \hline \\ resttable. \\ \hline \\ resettable. \\ \hline \\ resettable. \\ \hline \\ resetta$	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. $(LO5)$ $LO5$ set Pump iet. Max Fac. $(LO5)$ $LO5$ set Pump iet. Max Fac. $(LO5)$ $LO5$ Jele. is. Max Fac. $(LO5)$ $LO5$ an O/L witch is witch is Wax Fac. $(LO5)$ $LD5$ switch is witch is Yaa Fac. $(LO5)$ $LD5$ set Fan O/l	55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot enentered. 57 [5 16 Parameter This parameter This parameter This parameter This parameter Not possible by d 15 = keypad Krab = keypad When locked modified. Note : If LP parameter S8 [5 17 Parameter When set to Y values. Useful to debug	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are p g setting related Problem	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 pad. 0 ad so that tamp y be viewed, the diffuser tries to redisplay. Min Max d'15 Enb default settings of programmed to ss.	Fac. - Fac. - d is not Fac. 0 ering is but not change Fac. d IS of the factory
User need to press RST key To clear these faults. Min Max Fac. Min Max Fac. Bubo Function : To display total Conversion of the parameter Sature Function : No. of retrials of Fan O/L. Function : No. of retrials of Fan O/L. Function : To display total Fan working hours. Min Max Fac. Function : To display total Fan working hours. Min Max Fac. Function : To display total Fan working hours. Min Max Fac. Function : To clear Compressor run Parameter Min Max Fac. If it is set to YES, it will clear all previous compressor hours.	RL 11 Parameter IS = Pump C PE_n = Control LDS = Control LDS = Control LDS = Sets Pu RL $I3$ Parameter ALo ALo = Sets Purser need to pr RL IS Parameter RL RL IS Parameter IS RL IS Parameter IS RL IS Parameter IS RL IS Parameter IS IS = Control $open$ LDS LDS = Control $Open$ LDS RL IS R_L IS	Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L fault sa SAuto re np O/L faults as Manuess RST key To clear to sensing. Function : No. of retr Function : To set log sensing. fault sensing disablecter will sense Fan O/L fault sensing disablecter will sense Fan O/L fault sense fan	$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ fault when \\ \hline \\ fault when \\ \hline \\ d 15 & C \\ \hline \\ \hline \\ meter will s \\ Anual resettable. \\ al resettable. \\ \hline \\ fault when s \\ \hline \\ gic for Fault \\ \hline \\ meter will s \\ ault when s \\ \hline \\ und 15 & C \\ \hline \\ meter will s \\ all reset. \\ \hline \end{array}$	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. CLOS CLOS Seet Pump iet. Die. is. Max Fac. TAM Ruto mp O/L. Max Fac. 5 3 an O/L witch is witch is witch is Wax Fac. 5 3 an O/L Gata Fac. CDS CLDS Switch is Switch is switch is Fac. 'LOS CLDS	55 [5 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 15 Parameter User cannot enentered. 57 [5 16 Parameter This parameter This parameter This parameter This parameter Not parameter Note : If LP parameter star parameter S8 [5 17 Parameter When set to Y values. Useful to debug	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are p g setting related Problem	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 9999 pad. rad so that tamp y be viewed, be d if user tries to re e display. Min Max d /5 Enb default settings of programmed to s. Min Max	Fac. - - d is not Fac. 0 ering is out not change Fac. d 15 of the factory Fac.
Min Max Fac. Min Max Fac. Rubo Rubo Rubo Barameter Function : No. of retrials of Fan O/L. Min Max Fac. Min Max Function : No. of retrials of Fan O/L. Function : To display total Fan working Min Max Fac. 0 5 3	RL 11 Parameter $I5$ = Pump C $I5$ = Control $open$. 0000 $LD5$ = Control $LD5$ = Control $LD5$ = Sets Pump C $LD5$ = Control $LD5$ = Sets Pump C RL $I3$ Parameter RL RL $I5$ Parameter $Open$. $LD5$ = Control $open$. $Open$. $LD5$ = Control $Open$. $Open$. $LD5$ = Control $open$. $Closed$. RL $I5$ Parameter $Open$. $LD5$ = Control $open$. $Closed$. RL $I5$ Parameter $Open$. $LD5$ = Control $Open$ $Open$. $LD5$ <	Function : No. of retr Function : To set log sensing. J/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L faults as Auto resp p O/L faults as Auto retr Function : No. of retr Function : No. of retr Function : To set log sensing. . fault sensing disabled ler will sense Fan O/L fault ler will sense Fan O/L fault If unction : This parar fault sensing disabled ler will sense Fan O/L fault fault to Auto or Manu 1 O/L faults as Manual respond	$\begin{array}{c c} \hline Min & I \\ \hline 0 \\ \hline \\ gic for Pur \\ \hline \\ ed. \\ fault when \\ \hline \\ ed. \\ fault when \\ \hline \\ \hline \\ d IS C \\ \hline \\ \hline \\ meter will s \\ Aanual resettable. \\ al resettable. \\ al resettable. \\ \hline \\ \hline \\ rials of Pur \\ \hline \\ \hline \\ \hline \\ \hline \\ uit when s \\ \hline \\ ault when s \\ \hline \\ ault$	Max Fac. 5 3 mp O/L fault n switch is n switch is Max Fac. 7L 05 CL 05 Set Pump et. Max Fac. 7L 05 CL 05 Set Pump et. Max Fac. 7Rn RuEo mp O/L. Max Fac. 5 3 an O/L fault switch is switch is switch is Vax Fac. 'L 05 CL 05 set Fan O/L	55 [5 /4] Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 /5] Parameter User cannot enered. 57 [5 /6] Parameter This parameter This parameter This parameter not possible by d /5 = keypad Enb = keypad When locked modified. Note : If LP parameter 53 [5 /7] Parameter When set to Y values. Useful to debug	Function : To change n baud rate can set to, Function: To change Pas ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are p g setting related Problem	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 9999 pad. Min ad so that tamp y be viewed, th d if user tries to redisplay. Min Max d/5 Enb default settings of programmed to s. Min Max no 4/55	Fac. - Fac. - d is not Fac. 0 ering is but not change Fac. d 15 of the factory Fac. no
Buto Buto Buto Bat 17 Function : No. of retrials of Fan O/L. Parameter Function : To display total Fan worki Min Max 0 5 3 11	RL I Parameter IS = Pump C PEn = Control LDS = Control LDS = Control LDS = Control LDS = Sets Pur RL IS Parameter $JLos$ $JLos$ = Sets Pur Ser need to pr RL IS Parameter RL RL IS Parameter IS RL IS Parameter IS RL IS Parameter IS IS = Control $open$. LDS LDS = Control $closed$. RL RL IS Parameter RL RL IS Parameter RL RL R R_D = Sets Fan R_D = Sets Fan Ser Need Ser Faned <td>Function : No. of retr Function : To set log sensing.)/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L fault sas Auto ren mp O/L faults as Auto ren Function : No. of retr Function : No. of retr Function : No. of retr Function : To set log sensing. . fault sensing disabled ler will sense Fan O/L fault se</td> <td>Min I 0 0 gic for Pur 0 ed. fault when fault when 0 al resettable. 15 al resettable. 15 al resettable. 16 al resettable. 17 ials of Pur 0 ials of Fur 0 ials of Fur 0 ials of Fur 0 ial reset. 0 ial re</td> <td>Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. CLOS CLOS set Pump iet. is. Max Fac. if.an Rubo mp O/L. Max Fac. is. Max mp O/L. Max Fac. is. 3 an O/L fault switch is switch is switch is Satter Fac. ib. Fac. ib. Satter Fac. ib. Fac. ib. Satter Fac. ib. Fac. ib. Satter Fac. ib. Fac. ib. 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Min Max Fac. 0 5 3 Parameter If it is set to YES, it will clear all previous compressor hours.	RL I Parameter IS = Pump C IS = Pump C PE_n = Control $open$. LDS = Control $closed$. RL I3 Parameter JLo = Sets Pump C JLo = Sets Pump C JLo = Sets Pump C RL I3 Parameter RL IS Parameter IS = Fan O/L PE_n = Control $open$. LDS = Control $open$. LDS = Control $closed$. RL RL RL RL RL R_L R_L R_L R_L <t< td=""><td>Function : No. of retr Function : To set log sensing. //L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L faults as Auto rend p O/L faults as Auto rend p O/L faults as Auto rend function : No. of retr Function : To set log sensing. . fault sensing disable ler will sense Fan O/L fault ler will sense Fan O/L fault ler will sense Fan O/L fault ses RST key To clear fault to Auto or Manu n O/L faults as Manual rend faults as Manual rend faults as Manual rend faults as Manual rend faults as Manual rend</td><td>Min I 0 0 gic for Pur 0 ed. fault when fault when 0 all resetable. 0 all resetable. 0 gic for Far 0 0 0 gic for Far 0 all resetable. 0 gic for Far 0 gic for</td><td>Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. CLOS CLOS set Pump set Pump set. Samp O/L. Max Fac. Samp O/L. Max Fac. Samp O/L. Max Fac. Samp Jan O/L switch is switch is switch is set Fan Jan O/L fault switch is Max Fac. CLOS Set Fan Max Fac. Sat Sat Fac. Sat Sat Fac. Sat</td><td>55 [5] 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 Parameter User cannot enentered. 57 F3 57 58 57 7 58 59 59 59 59 59 59 59 51 52 59 59 59 59 59 59 50 51 52 53 54 55 57 58 59 59 59 51 520 530 530 54 55 57 58 <</td><td>Function : To change n baud rate can set to, Function: To change Pase ter into program mode, if Function: To lock keyp to baud rate can set to, Function: To lock keyp is used to lock the keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are p g setting related Problem Function : To display hours. Function : To display hours. Function : To display to</td><td>Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 pad. 0 rad so that tamp y be viewed, the d if user tries to redisplay. Min Max d /5 Enb default settings of programmed to ss. Min Max uges yES day total Com ay total Pump of the programmed to ss. Min Max uges yES</td><td>Fac. - Fac. - d is not Fac. 0 Fac. d 15 out not change Fac. d 15 of the factory Fac. ro pressol working hours.</td></t<>	Function : No. of retr Function : To set log sensing. //L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L faults as Auto rend p O/L faults as Auto rend p O/L faults as Auto rend function : No. of retr Function : To set log sensing. . fault sensing disable ler will sense Fan O/L fault ler will sense Fan O/L fault ler will sense Fan O/L fault ses RST key To clear fault to Auto or Manu n O/L faults as Manual rend	Min I 0 0 gic for Pur 0 ed. fault when fault when 0 all resetable. 0 all resetable. 0 gic for Far 0 0 0 gic for Far 0 all resetable. 0 gic for Far 0 gic for	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. CLOS CLOS set Pump set Pump set. Samp O/L. Max Fac. Samp O/L. Max Fac. Samp O/L. Max Fac. Samp Jan O/L switch is switch is switch is set Fan Jan O/L fault switch is Max Fac. CLOS Set Fan Max Fac. Sat Sat Fac. Sat Sat Fac. Sat	55 [5] 14 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 Parameter User cannot enentered. 57 F3 57 58 57 7 58 59 59 59 59 59 59 59 51 52 59 59 59 59 59 59 50 51 52 53 54 55 57 58 59 59 59 51 520 530 530 54 55 57 58 <	Function : To change n baud rate can set to, Function: To change Pase ter into program mode, if Function: To lock keyp to baud rate can set to, Function: To lock keyp is used to lock the keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are p g setting related Problem Function : To display hours. Function : To display hours. Function : To display to	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 pad. 0 rad so that tamp y be viewed, the d if user tries to redisplay. Min Max d /5 Enb default settings of programmed to ss. Min Max uges yES day total Com ay total Pump of the programmed to ss. Min Max uges yES	Fac. - Fac. - d is not Fac. 0 Fac. d 15 out not change Fac. d 15 of the factory Fac. ro pressol working hours.
0 5 3 hours. Min Ma	RL 11 Parameter $I5$ = Pump O PE_n = Control open. $LD5$ = Control $LD5$ = Control $LD5$ = Sets Pump RL $I3$ Parameter RL RL $I3$ Parameter RL RL $I5$ Parameter $I5$ RL $I5$ Parameter $Open.$ $LD5$ = Control $open.$ $LD5$ Parameter $Open.$ $LD5$ = Control $open.$ $LD5$ $LD5$ = Control $closed.$ RL RL $I5$ Parameter $Veco$ $Veco$ = Sets Fan Set Net RL $I7$ Parameter RL RL $I7$ Parameter RL	Function : No. of retr Function : To set log sensing. D/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L fault sa SAuto rent PO/L faults as Manueless RST key To clear to sensing. Function : No. of retr Function : To set log sensing. . fault sensing disablector ler will sense Fan O/L faults as Manueler ress RST key To clear to sensing. . fault sensing disablector ler will sense Fan O/L faults as Auto rese O/L faults as Manual rese ress RST key To clear Function : This parar fault to Auto or Manu n O/L faults as Manual rese ress RST key To clear Function : No. of retr	$\begin{tabular}{ c c c c } \hline Min & I \\ \hline 0 \\ \hline$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	55 [5 /4] Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 /5] Parameter User cannot enentered. 57 [5 /5] Parameter This parameter This parameter This parameter This parameter Not parameter when locked modified. Note : If LP pai any parameter Vhen set to Y values. Useful to debug 59 [5 /8] Parameter 60 [5 /9] Parameter 61 [520] Parameter 61 [520] Parameter 62 [522]	Function : To change n baud rate can set to, Function: To change Pass iter into program mode, if Function: To lock keyp r is used to lock the keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore recontroller. 'ES all parameters are parameters are parameters are powerking hours. Function : To display to Function : To display to	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 pad. ad so that tamp y be viewed, the diffuser tries to readisplay. Min Max d'15 Enb default settings of programmed to state settings of the se	Fac. - Fac. - d is not Fac. 0 Fac. 0 Fac. d 15 out not change Fac. d 15 of the factory Fac. no presson working hours. ours.
	RL I Parameter IS = Pump C IS = Pump C IS = Pump C IS = Control $open$. CO LDS = Control $closed$. RL RL IS Parameter JEO JEO = Sets Pur Ser need to pr RL RL IS Parameter IS RL IS Parameter Open. LDS = Control $open$. CO LDS = Control $open$. COS = Control $closed$. RL RL IS Parameter VE uEo = Sets Fan Ser need to p RL RL IT Parameter RL	Function : No. of retr Function : To set log sensing. J/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Ier will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L faults as Auto rend p O/L faults as Auto rest Function : No. of retr Function : To set log sensing. fault sensing disabled ler will sense Fan O/L faults as Auto rest ler will sense Fan O/L fault sensing disabled ler will sense Fan O/L fault sense Fan O/L faults as Auto rest O/L faults as Auto rest o/L faults as Auto rest function : This parar fault to Auto or Manual rest ress RST key To clear Function : This parar fault to Auto rest O/L faults as Manual rest Function : This parar fault to Auto or Manual rest ress RST key To clear Function : No. of retr	$\begin{tabular}{ c c c c c } \hline Min & I \\ \hline 0 \hline$	Max Fac. 5 3 mp O/L n switch is n switch is Max Fac. CLOS CLOS set Pump set. Max Fac. CLOS CLOS set Pump set. Max Fac. CAS 3 mp O/L. Max Fac. 5 3 an O/L fault witch is switch is switch is set Fan Max Fac. CLOS CLOS set Fan O/L ults. Vax Yaz Fac. Yax Fac.	55 [5 !4 Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 !5 Parameter User cannot enentered. 57 [5 !6 Parameter This parameter This parameter not possible by d !5 = keypad Enb = keypad Enb = keypad When locked modified. Note : If LP pai any parameter Vihen set to Y values. Useful to debug 59 [5 !8 Parameter 60 [5 !7 Parameter 61 [520 Parameter 11 [1520 Parameter 11 [15 set to YE	Function : To change n baud rate can set to, Function: To change Pass ter into program mode, if Function: To lock keyp by-standers. unlocked locked all parameters can onl rameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore of controller. 'ES all parameters are passed of posteriors. g setting related Problem Function : To display hours. Function : To display hours. Function : To clear Co S, it will clear all previous	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 pad. 0 rad so that tamp y be viewed, the dif user tries to redisplay. Min Max d/5 Enb default settings of programmed to ss. Min Max no 4E5 play total Com ay total Pump potal Fan working pompressor run h	Fac. - Fac. - d is not Fac. 0 Fac. 0 change Fac. d 15 out not change Fac. d 15 out rac. change Fac. change Fac. change Fac. change Fac. change fac. c
	RL 11 Parameter IS = Pump O IS = Pump O PEn = Control $open$. DS LDS = Control LDS = Sets Pump O RL IS Parameter JLo JLo = Sets Pump O RL IS Parameter RL RL IS Parameter IS IS = Fan O/I PEn = Control $open$. LDS RL IS Parameter $Open$. LDS = Control $open$. LDS LDS = Control $open$. LDS LDS = Control $Closed$. RL RL IS Parameter uEo uEo = Sets Fan Set n = Sets Fan Set n = Set Set Pan Set n = Set Set Pan	Function : No. of retr Function : To set log sensing. D/L fault sensing disable ler will sense Pump O/L ler will sense Pump O/L Function : This parar O/L fault to Auto or N mp O/L fault sa SAuto rent p O/L fault sensing disable Function : To set log sensing. Function : No. of retr Function : To set log sensing. fault sensing disabled ler will sense Fan O/L fault sensing disabled ler will sense Fan O/L fault sense Fan O/L fa	$\begin{tabular}{ c c c c } \hline Min & I \\ \hline 0 \\ \hline$	Max Fac. 5 3 mp O/L fault n switch is n switch is Max Fac. $7L05$ $L05$ Set Pump etc. Max Fac. $7Rn$ $Rubolder Max Fac. 7Rn Rubolder Max Fac. 5 3 an O/L fault switch is witch is switch is Set Fan O/L ults. Vax Fac. 7Rn Rubolder N O/L. $	55 [5 /4] Parameter Communication 1 = 9600 2 = 19200 3 = 38400 56 [5 /5] Parameter User cannot enentered. 57 [5 /5] Parameter This parameter This parameter This parameter This parameter not possible by d /5 = keypad Enb = keypad When locked modified. Note : If LP pai any parameter Vhen set to Y values. Useful to debug 59 [5 /8] Parameter 60 [5 /3] Parameter 61 [520] Parameter If it is set to YE hours.	Function : To change n baud rate can set to, Function: To change Pass ter into program mode, if Function: To lock keyp r is used to lock the keyp by-standers. unlocked locked all parameters can onl rrameter is set to ENB and value, "LP" will flash on th LP Flashing Function : To restore to controller. 'ES all parameters are passed of the problem Function : To displathours. Function : To displathours. Function : To displathours. Function : To display to the problem S, it will clear all previous	Min Max 1 250 baud rate. Min Max 1 1 3 ssword. Correct password. correct password. Min Max 0 pad. 0 rad so that tamp y be viewed, the diffuser tries to readisplay. Min Max d'15 Enb default settings of programmed to s. State Min Max Max no YES day total Commany total Commany total Pump of the programmed to s. Scompressor run hereson may total Pan working pompressor run hereson run hereso	Fac. - Fac. - d is not Fac. 0 Fac. 0 Fac. d <i>i</i> 5 of the factory Fac. <i>n</i> 0 presson working hours. -

63 [523 Parameter	Function : To	clear Pu	mp run ł	nours.	
If it is set to VES	it will clear all	nrovious	Pump r		
		previous	Min	Max	S. Fac
			00	YES	00
Parameter	Function : To	clear Fa	n run ho	urs.	
If it is set to YES,	it will clear all	previous	Fan run	hours.	
			Min	Max	Fac
			no	<i>9</i> 85	no
65 <i>[526</i> Parameter	Function : To	display	Software	versior	٦.
66 <i>E∩dP</i> Parameter	Function: To	end prog	ramming].	
To end	Once the ke	y is pres	sed, the	controll	er goe
programming press " SET " key	into the noi temperature a	mal mo and all se	de and ttings are	displa e record	iys th led.
67	LE	DS			
Compressor		% Fan			
ON: Com	pressor is ON.	ON:	Fan	is ON.	
OFF: Com	pressor is OFF.	OFF FLA	: Fan SHING	is OFF.	
			Fan	is in tim	e dela
🕞 Pump		🛕 Alar	m		
ON: Pump	o is ON.	ON:	Alar	m relay	ON.
FLASHING :	DIS OFF.	FLA	SHING :	n relay	OFF.
Pump delay	o is in time		Faul	t is pres	ent.
⊘ Time Delay		LID FL	ASHING	: HP Fa	ault
ON: Com	pressor is ON	pr pr	esent.		
for sv (ST12	vitching OFF. 2 parameter)	LP FL	ASHING esent.	: LP Fa	ault
FLASHING: Compressor is in time delay and		AFT FLASHING : AFT Fault present.			
about	t to start.	AUX FL	ASHING esent.	: WFS	Fault
°C ON: When	n temperature	MENU	DN : Cont	roller is	in
is dis	piayed.		node	mode d	n set
		LPM (ON : LPM	value v	vill
		0	lisplay in CS12 Pa	second rameter	line.
<u></u>		MESS	ACES		
		WESS/	AGES	alura -	
Temperature	ature alarm		v temper	ature al	arm
maximum high temperature limit.		minimum low temperature limit.			
<i>PP</i> Probe fail		8-22	Antifree	ze Prob	e fail
Probe short ci	rcuit, circuit ut probe. or	AF	T Probe s	hort circu or withou	uit, It
temperature is	s > 80.0°C or	pro	be, or ten	nperature	e is >
SPP SPPR fault	present.	во Е-оL (Compresso	or over lo	bad
	ad fault	E-al F	an over k	ad fault	
P-oL Pump over lo		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		au laun.	

o use Pro-key user must insert it prior to power ON. Insert the pro- ey and power ON controller. When the display flashes for 5 econds, touch the power key for 1 second. Controller will enter into Pro-key mode and will display "Pr". Then touch either of the below iven keys to use the Pro-key.						
		0				
	Function	Keys to be Used				
	Function To upload the parameters from the controller	Keys to be Used				

Pro-Key

If user tries to enter Pro-key mode without inserting the pro key or with wrong connection, no further function will be activated after displaying "uP or dn". Controller will display "Er". Then switch off controller and insert the pro key properly and try to enter Pro key mode.

touch "SET" key

User has to first Upload the parameters in the Subzero Validated Blank Pro-Key and then subsequently use it for downloading.

Uploading mode

controller

To set the user Lock parameter

When " Pr " is displayed user has to touch " \bigwedge " key to select uploading mode. Display will show "uP". Then touch "SET" key to confirm uploading of parameter values from controller to the Prokey. After validation controller will show "En" and if Pro-key is not validated user will see "Er" on display. Touch "SET" key again, display will show "- - -" which means the uploading is successful without error. If any error occurs then "Er" will be displayed. Touch "SET" key to come out of Pro-key mode.

Downloading mode

When "Pr" is displayed user has to touch "^{PRG} "key to select downloading mode. Display will show "dn". Then touch "**SET**" key to confirm downloading of parameter values from Pro-key to the controller. After validation controller will show "En" and if Pro-key is not validated user will see "Er" on display. Touch "**SET**" key again, display will show "- - -" which means the downloading is successful without error. If any error occurs then "Er" will be displayed. Touch "**SET**" key to come out of Pro-key mode.

User lock

 When "Pr" is displayed touch "SET" key for 1sec. Controller will validate the Pro-key and will display either "CL" if parameters are locked or "UL" if they are unlocked. If Pro-key is not validated "Er" will be displayed. User can select locking or unflecking by " or" ". Touch "SET" key and display will show "---". If any error occurs then "Er" will be displayed. Touch again "SET" key to come out of Pro-key mode.

Note: If user has set this to "CL", once out of the Pro-Key mode, in normal operation, altering the value of any parameter will not be possible. For that 'User lock parameter' to be selected as "UL". The LP parameter will also be considered for the same.

		TTL OUT (RS485)	TO FLMP 10A, 250VAC max TO FLM 10A, 250VAC max TO FLM 10A, 250VAC max TO FLOW SA, 250VAC max TO FLOW SA, 250VAC max TO FLOW SA TO FL	N (Y
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Suggested Wiring Diagram

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