

UCA System Alarms

Alarm Text	Input Type	Self Reset?	# Trips to Alarm	Lockout System	Alarm in Mode		Trip Condition	
					Off	Run		
No Modules Available	O263_1	Software	Yes	1	Yes	No	Yes	System has no available modules
Chill Wtr Out High Temp Alarm	chwst_hi_1	Temp	Yes	1	Yes	No	> 2 min	> 90 for 10 seconds
Chill Wtr Out Low Temp Alarm	chwst_lo_1	Temp	Yes	1	Yes	No	Yes	< 33 For 10 seconds
Chill Wtr In High Temp Alarm	chwrt_hi_1	Temp	Yes	1	Yes	No	> 2 Min	>90 for 10 seconds
Chill Wtr In Low Temp Alarm	chwrt_lo_1	Temp	Yes	1	Yes	No	Yes	< 36 for 10 seconds
Loss of Flow Alarm	no_flow_1	Pressure	Yes	1	Yes	No	Yes	Flow drops below trip point
Phase Alarm	phase_alarm_1	Digital	Yes	1	Yes	No	Yes	Phase OK input removed.
Chill Wtr Out Sensor Out of Range Alm	chws_oor_1	Temp	No	1	Yes	Yes	Yes	Sensor Disconnected or shorted, bad 5vdc supply
Chill Wtr In Sensor Out of Range Alm	chwr_oor_1	Temp	No	1	Yes	Yes	Yes	Sensor Disconnected or shorted, bad 5vdc supply
Outside Air Sensor Out of Range Alm	oat_oor_1	Temp	No	1	Yes	Yes	Yes	Sensor Disconnected or shorted, bad 5vdc supply

UCA Module Alarms

Alarm Text	Input Type	Self Reset?	# Trips to Alarm	Lockout System	Alarm in Mode		Trip Condition	
					Off	Run		
MxC1 Low Pressure Alarm	mXc1_low_suc_pres_alm_5	Pressure	No	3	Yes	No	Yes	C1 Suc Press < 74 for 62 seconds AND Comp 1 ON
MxC2 Low Pressure Alarm	mXc2_low_suc_pres_alm_5	Pressure	No	3	Yes	No	Yes	C2 Suction Press < 74 for 62 seconds AND Comp 2 ON
MxC1 Highside Press Alarm	mXc1_hi_pres_alm_5	Pressure	No	3	Yes	Yes	Yes	C1 Disch Press > 575 for 2 seconds
MxC2 Highside Press Alarm	mXc2_hi_pres_alm_5	Pressure	No	3	Yes	Yes	Yes	C2 Disch Press > 575 for 2 seconds
MxC1 Low Suct Temp	mXc1_lo_suc_tmp_5	Temp	No	3	Yes	Yes	Yes	C1 Suction Temp < 28 for 15 seconds
MxC2 Low Suct Temp	mXc2_lo_suc_tmp_5	Temp	No	3	Yes	Yes	Yes	C2 Suction Temp < 28 for 15 seconds
MxC1 Hi Disch Temp	mXc1_hi_disch_tmp_5	Temp	No	3	Yes	Yes	Yes	C1 Discharge Temp > 200 for 15 seconds
MxC2 Hi Disch Temp	mXc2_hi_disch_tmp_5	Temp	No	3	Yes	Yes	Yes	C2 Discharge Temp > 200 for 15 seconds
MxC1 No Run (No Status) Alarm	m1c1_no_run_5	Digital	No	1	Yes	No	Yes	C1 does not show status 220 seconds
MxC2 No Run (No Status) Alarm	m2c1_no_run_5	Digital	No	1	Yes	No	Yes	C2 does not show status 220 seconds
MX Cond Mot Valve Alarm	mXcond_vlv_al_5	Digital	No	1	Yes	Yes	Yes	Valve Fails to report open after 140 Seconds
MX Evap Mot Valve Alarm	mXevap_vlv_al_5	Digital	No	1	Yes	Yes	Yes	Valve Fails to report open after 140 Seconds
MX Low Cond Water Out Temp	mX_cwrt_lo_5	Temp	No	1	Yes	Yes	> 1 Minute	<72 for 2 minutes after at least 1 minute of runtime.
MX High Cond Water Out Temp	mX_cwrt_hi_5	Temp	No	3	Yes	Yes	Yes	>135 for 15 seconds
MX Cond Wtr Out Sensor OOR	mXcwr_oor_5	Temp	No	1	Yes	Yes	Yes	Sensor Disconnected or Shorted
MXC1 Low Suct Superheat	mXc1_low_suc_supht_5	Calc	Yes	1	No	No	Yes	Supterheat below 2
MXC2 Low Suct Superheat	mXc2_low_suc_supht_5	Calc	Yes	1	No	No	Yes	Supterheat below 2
MXC1 Excessive Pumpdowns	mXc1_ex_pump_dns_5	Calc	No	5	Yes	No	Yes	> 5 Pumpdowns in 3 hours
MXC2 Excessive Pumpdowns	mXc2_ex_pump_dns_5	Calc	No	5	Yes	No	Yes	> 5 Pumpdowns in 3 hours