

## Alarm Code Mapping

Code	Description	Output Delay	Alarm Contact Reporting				PLD display
			High/low temp. Alarm	HVAC 1 Major Alarm	HVAC 2 Major Alarm	2 <sup>nd</sup> Comp. Run	
A02	Low pressure1	60/10s		X			X
A03	High pressure1	2s		X			X
A04	Low pressure2	60/10s			X		X
A05	Smoke/Fire	None					X
A06	High pressure2	2s			X		X
A07	High temperature	300s	X				X
A08	Low temperature	300s	X				X
*A09	Prime power outage	40s		X	X		X
*A10	Supply fan overload1	0s		X			X
*A11	Supply fan overload2	0s			X		X
A15	Dirty air filter1	10s					X
A16	Dirty air filter2	10s					X
A17	pLAN alarm	30s			X		X
A18	Clock card alarm	60s					X
A19	Humidity alarm	60s					X
A20	Indoor temperature sensor defective	60s					X
A21	Backup indoor temp. sensor defective	60s					X
A20 & A21	Indoor and backup indoor temp. sensors defective	60s		X	X		X
A22	Outdoor temp. sensor defective	60s					X
A23	2nd compressor run	5s				X	X
A24	Damper Failure 1	60m					X
A25	Damper Failure 2	60m					X
A26	HVAC 1 supply air temp. sensor defective	60s					X
A27	HVAC 2 supply air temp. sensor defective	60s					X
A28	Generator run	5s					X
*A29	HVAC1 air flow defective or DC part powered off	30s		X			X
*A30	HVAC2 air flow defective or DC part powered off	30s			X		X
*A31	HVAC1 AC part powered off alarm	30s		X			X
*A32	HVAC2 AC part powered off alarm	30s			X		X

### \*Note:

- All alarm codes listed in the table above will result in an audible tone and a red alarm light presented on the PLD user interface.
- A09, A10&A11 will not display if the HVAC is equipped with DC EC supply fan and ASLLC.2.48 is chosen.
- A29, A30, A31& A32 will not display if the HVAC is equipped with AC EC supply fan and ASLLC.2 is chosen.
- HVAC major alarm will not be cleared until manually reset or the components can work normally at the next working time.
- Low pressure alarm or High pressure alarm are triggered 3 times in one hour, the HVAC will LOCKOUT which means just supply fan work, no compressor. There are two ways to remove the alarm:
  - Power cycling the controller.
  - Accessing the parameters in the table: L04- $\cup \supset L$  (Manual reset as low pressure) or  $\cup \supset E$  (Manual reset as high pressure)
- Lock-Out of either HVAC system is indicated via a slow flash of the PLD LEDs as follows:
  - HVAC#1 Lock-out: Slow flash of Up Button LED (green)
  - HVAC#2 Lock-out: Slow Flash of Down button LED (Yellow).