

FurnacePros DIVISION OF LOCHABER CORNWALL, INC.		CHANNEL ASSIGNMENTS										DOC NBR: 11-004		802-101570		R 2	
CUSTOMER AEROFLEX												MODEL: AG-1215		DWN JCLARK		1/19/11	
												S/N: 1815129601		APVL SBARBER			
												SIZE: A		PRNT 03/19/11		SHT 1 OF 1	
Electrical		Power: 480 Vac Phase: 3 Freq: 60 Hz										Orig FO		32442			
Controller Module		5 Vdc 4 A Power Supply SNAP-PS5 T350C106K010AT Capacitor, Tant TCAP PLC Controller LCM4 Ethernet Card SNAP-M4SENET-100 4 A 5V 24 Vdc Supply G4PS245A										5 Vdc 4 A Power Supply T350C106K010AT Capacitor, Tantalum 10uF 10 V used on 322-094408-02 PLC Controller EXISTING Ethernet Card EXISTING 4 A 5V 24 Vdc Supply EXISTING		FOR LCM4 FOR PWR SUPPLIES EXISTING SEPARATE PURCHASE EXISTING, WIRE TO NEW RACKS		Part Number 322-094408-01 310-100637-03 322-092246-03 322-092246-04 322-092210-01	
DIGITAL01 Address: 0		16 Module Rack SNAP-B16M Rack Controller B3000-B										16 Module Rack Rack Controller				322-094409-16 322-094410-02	
Channel	Signal	Module	Type	RANGE	UNITS	Min (Act/Scale)	Max (Act/Scale)	Default	Watchdog	Location	Description	Ref	Part Number				
00	MAIN_POWER_LATCH	SNAP-OAC5MA	DO	4 ch DO 12-140 Vac sw	0	0	0	YES-OFF	YES-OFF	K4	Delay Power OFF	802-101770	322-094401-01				
01	LAMP_POWER_CTRL		DO		0	0	0	YES-OFF	YES-OFF	K7	Process Power On	802-101770					
02	O2_POWER	SNAP-OAC5MA	DO	4 ch DO 12-140 Vac sw	0	0	0	YES-OFF	YES-OFF	K24	MA/O2 Power On/Off	802-101773	322-094401-01				
03																	
04	O2_SRC	SNAP-OAC5MA	DO	4 ch DO 12-140 Vac sw	0	0	0	YES-OFF	YES-OFF	K20	MA/O2 Source Control	802-101773	322-094401-01				
05	O2_SAMPLE_1		DO		0	0	0	YES-OFF	YES-OFF	K21	MA/O2 Sample Control SV1	802-101773					
06	O2_SAMPLE_2		DO		0	0	0	YES-OFF	YES-OFF	K22	MA/O2 Sample Control SV2	802-101773					
07	O2_SAMPLE_3		DO		0	0	0	YES-OFF	YES-OFF	K23	MA/O2 Sample Control SV3	802-101773					
08	SPEED_FEEDBACK	SNAP-IDC5-FAST	DI	4ch DI 2-16Vdc .025ms	0	0	0	NO	NO	K11	Transport Motor Tach Feedback	802-101771	322-094406-01				
09	TRANSPORT_MOTION_FAULT		DI		0	0	0	NO	NO	K8	Transport Motion Sensor	802-101771					
10	spare							YES-ON									
11	spare							YES-ON									
12	ALARM_HORN	SNAP-ODC5MA	DO	4 ch DO 5-60 Vdc	0	0	0	YES-OFF	YES-OFF	K14	Alarm Horn	802-101772	322-094412-01				
13	spare																
14	spare																
15	spare																
15 Data Points		8 Modules		#N/A								#N/A					
ANALOG01 Address: 3																	
Channel	Signal	Module	Type	RANGE	UNITS	Min	Max	Default	Watchdog	Location	Description	Ref	Part Number				
00	TEMPERATURE_ZONE_1_K	SNAP-AITM	AI	2 ch AI Type K -150 to 13 DEG C	DEG C	-100/-150	460/1372	NO	NO	KA103	Thermocouple Inputs TC1	802-101701	322-094405-01				
01	TEMPERATURE_ZONE_2_K		AI		DEG C	-100/-150	460/1372	NO	NO	KA203	Thermocouple Inputs TC2	802-101701					
02	TEMPERATURE_ZONE_3_K	SNAP-AITM	AI	2 ch AI Type K -150 to 13 DEG C	DEG C	-100/-150	460/1372	NO	NO	KA303	Thermocouple Inputs TC3	802-101701	322-094405-01				
03	TEMPERATURE_ZONE_4_K		AI		DEG C	-100/-150	460/1372	NO	NO	KA403	Thermocouple Inputs TC4	802-101701					
04	TEMPERATURE_ZONE_5_K	SNAP-AITM	AI	2 ch AI Type K -150 to 13 DEG C	DEG C	-100/-150	460/1372	NO	NO	KA503	Thermocouple Inputs TC5	802-101701	322-094405-01				
05	TEMPERATURE_ZONE_6_K		AI		DEG C	-100/-150	460/1372	NO	NO	KA603	Thermocouple Inputs TC6	802-101701					
06	TEMPERATURE_ZONE_7_K	SNAP-AITM	AI	2 ch AI Type K -150 to 13 DEG C	DEG C	-100/-150	460/1372	NO	NO	KA703	Thermocouple Inputs TC7	802-101701	322-094405-01				
07	TEMPERATURE_ZONE_8_K		AI		DEG C	-100/-150	460/1372	NO	NO	KA803	Thermocouple Inputs TC8	802-101701					
08	ZONE_1_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	10 VDC/50%	NO	YES-0	KA100	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
09	ZONE_1_BOTTOM		AO		Vdc	0/0	10 VDC/50%	NO	YES-0	KA101	Bot SCR Signal Control	Element Wiring Sch					
10	ZONE_2_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	10 VDC/50%	NO	YES-0	KA200	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
11	ZONE_2_BOTTOM		AO		Vdc	0/0	10 VDC/50%	NO	YES-0	KA201	Bot SCR Signal Control	Element Wiring Sch					
12	ZONE_3_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	10 VDC/50%	NO	YES-0	KA300	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
13	ZONE_3_BOTTOM		AO		Vdc	0/0	10 VDC/50%	NO	YES-0	KA301	Bot SCR Signal Control	Element Wiring Sch					
14	ZONE_4_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	10 VDC/50%	NO	YES-0	KA400	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
15	ZONE_4_BOTTOM		AO		Vdc	0/0	10 VDC/50%	NO	YES-0	KA401	Bot SCR Signal Control	Element Wiring Sch					
16 Data Points																	
ANALOG03 Address: 6		16 Module Rack SNAP-B16M Rack Controller B3000-B										16 Module Rack Rack Controller		322-094409-16 322-094410-02			
Channel	Signal	Module	Type	RANGE	UNITS	Min	Max	Default	Watchdog	Location	Description	Ref	Part Number				
00	ZONE_5_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	5/100	NO	YES-0	KA500	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
01	ZONE_5_BOTTOM		AO		Vdc	0/0	5/100	NO	YES-0	KA501	Bot SCR Signal Control	Element Wiring Sch					
02	ZONE_6_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	5/100	NO	YES-0	KA600	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
03	ZONE_6_BOTTOM		AO		Vdc	0/0	5/100	NO	YES-0	KA601	Bot SCR Signal Control	Element Wiring Sch					
04	ZONE_7_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	5/100	NO	YES-0	KA700	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
05	ZONE_7_BOTTOM		AO		Vdc	0/0	5/100	NO	YES-0	KA701	Bot SCR Signal Control	Element Wiring Sch					
06	ZONE_8_TOP	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	5/100	NO	YES-0	KA800	Top SCR Signal Control	Element Wiring Sch	322-094402-01				
07	ZONE_8_BOTTOM		AO		Vdc	0/0	5/100	NO	YES-0	KA801	Bot SCR Signal Control	Element Wiring Sch					
08	LEFT_EDGE_HEAT1	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	5/100	NO	YES-0	KA112	Edge Heat 1 Right SCR Signal Control	Element Wiring Sch	322-094402-01				
09	RIGHT_EDGE_HEAT1		AO		Vdc	0/0	5/100	NO	YES-0	KA111	Edge Heat 1 Left SCR Signal Control	Element Wiring Sch					
10	LEFT_EDGE_HEAT2	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	Vdc	0/0	5/100	NO	YES-0	KA212	Edge Heat 2 Right SCR Signal Control	Element Wiring Sch	322-094402-01				
11	RIGHT_EDGE_HEAT2		AO		Vdc	0/0	5/100	NO	YES-0	KA211	Edge Heat 2 Left SCR Signal Control	Element Wiring Sch					
12	O2_INPUT	SNAP-AIMA	AI	2 ch AI -20+20mA	ppm	4/0	20/1000	YES-123	NO	KA4	O2 sensor reading	802-101773	322-094400-01				
13	spare																
14	BELT_SPEED_OUTPUT	SNAP-AOV-25	AO	2 ch AO 0-10 Vdc	0	0/0	10/100	YES-0	NO	K2	Motor Speed Control Signal	802-101771	322-094402-01				
15	spare																
16 Data Points		#N/A		#N/A		#N/A		#N/A		#N/A		#N/A					
0 Data Points																	