

POWER DRIVE RATING TABLE 400-550HP (AT 500VDC)				
DRIVE RATING	400HP	450HP	500HP	550HP
DRIVE OUTPUT	650A	750A	850A	950A
DRIVE MODEL	PL/PLX275*	PL/PLX315*	PL/PLX360*	PL/PLX400
F1, F2, F3	600A, 500V	800A, 700V	1000A, 700V	1000A, 700V
F4 (IF FITTED)	700A, 700V	1000A, 700V	1000A, 700V	1200A, 700V
F5	15A	15A	15A	15A
F6, F7	50A	50A	50A	50A
F8, F9, F10	2A	2A	2A	2A
F11	4A	4A	4A	4A
CONTACTOR PICKUP/HOLD	385/17.5VA	955/12VA	880/12VA	880/12VA
MAX BRANCH PROTECTION	600A	700A	800A	900A

\* NO DC FUSE FITTED ON 2Q MODELS ON THESE POWER DRIVES

13 CONTROL COM	24 DRIVE HEALTHY	22 ZERO SPEED	34 COAST STOP	33 START	32 JOG		35 +24VDC SIG	31 RUN	53 CNTRL L	52 CNTRL N	45 CON1	46 CON2		L1 MAIN POWER	L2 MAIN POWER	L3 MAIN POWER	EL1 AUX SUPPLY	EL2 AUX SUPPLY	EL3 AUX SUPPLY	B1 FAN AC	B2 FAN AC		
DRIVE MODEL: PL/PLX275,315,360,400																							
SIG COM 1	SPEED IP 2	RAMP IP 4	SPD REF 3			LOWER I CLAMP 5	MAIN I CLAMP 6	+10VDC REF 27	TOTAL SP REF 11	TOTAL I DEMAND 12	ARM I OP 29	SPEED OP 10	-10VDC REF 28	TACH COM 25	TACH IP 26	OV COM 36	THERM IP 30	EARTH GND G	ARM (+) A+ 94	REMOTE A- 43 93	ARM (-) A- 68	FIELD (-) F- 95	FIELD (+) F+ 96

BLOWER OPTION ASSEMBLIES	
ASSEMBLY	SPECIFICATION
LA501566	MSP ASSEMBLY, 1.0 - 1.6A
LA501567	MSP ASSEMBLY, 1.6A - 2.5A
LA501568	MSP ASSEMBLY, 2.5 - 4.0A
LA501569	MSP ASSEMBLY, 4.0A - 6.3A
LA501570	MSP ASSEMBLY, 6.3A - 10A

ISS	DATE	APPROVED
A	29 APR 22	R. WILLIAMS
B	18 JAN 24	R. WILLIAMS

**NOTE: MOTOR STARTER OPTION SHOWN.**  
 MOTOR STARTER, MS CONTACT AND TERMINALS 97,98,99 SUPPLIED WITH BLOWER OPTION. FOR BLOWER OPTION ASSEMBLIES SEE BLOWER OPTIONS TABLE.  
**NOTE: CUSTOMER CONNECTIONS SHOWN AS DASHED LINES.**

SHT. TITLE	CONNECTIONS AND RATINGS	MATERIAL	DRAWN	R. WILLIAMS 22 APR 22	DWG. NO.	HF504320
DWG. TYPE	DRIVE PANEL CIRCUIT DIAGRAM	FINISH	CHECKED	R. WILLIAMS 22 APR 22	DWG. ISS.	AIB
TITLE	PL/PLX POWER DRIVE FRAME 4 400-550HP	DWG VIEW	APPROVED	R. WILLIAMS 22 APR 22	SCALE	DO NOT SCALE
TOLERANCE			SIZE	A	SHT.	1 OF 1