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POWER DRIVE RATING TABLE 400-550 HP (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	700A	800A	1000A	1000A
F4	800A	1000A	1000A	1200A
F5	15A	15A	15A	15A
F6, F7	50A	50A	50A	50A
F8, F9, F10	1A	1A	1A	1A
F12, F13	0.5A	0.5A	0.5A	0.5A
F14	1A	1A	1A	1A
CONTACTOR CONSUMPTION	100VA	100VA	100VA	100VA
BRANCH PROTECTION	600A	700A	800A	900A

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 SPLY	EL2 AUX SPLY	EL3 AUX SPLY	B1 FAN 230VAC	B2 FAN 230VAC	L1	L2	L3		
DRIVE MODEL: PL/PLX275-400																						DR1		
SIG COM 1	SPEED IP 2	RAMP IP 4	SPD REF 3	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	REMOTE A+ 41	REMOTE A- 43	ARM (-) A-	EARTH GND G	ARM (+) A+	FIELD (-) F-	FIELD (+) F+	LINE FILTER (LF3)		

BLOWER OPTION ASSEMBLIES	
ASSEMBLY	SPECIFICATION
LA503832	MSP ASSEMBLY, 1.6A - 2.5A
LA503833	MSP ASSEMBLY, 2.5 - 4.0A
LA503834	MSP ASSEMBLY, 4.0A - 6.3A
LA503835	MSP ASSEMBLY, 6A - 10A
LA503836	MSP ASSEMBLY, 9 - 13A
LA503837	MSP ASSEMBLY, 12 - 18A

NOTE: WHEN BLOWER OPTION IS NOT FITTED, CONNECT THERM BETWEEN DRIVE TERMINALS 30 AND 36.

NOTE: MOTOR STARTER OPTION SHOWN. MOTOR STARTER, MS CONTACT AND TERMINALS 91,92,97,98,99 SUPPLIED WITH BLOWER OPTION. FOR BLOWER OPTION ASSEMBLIES SEE BLOWER OPTIONS TABLE.

ISS	DATE	APPROVED
A	30 JAN 18	R. WILLIAMS

NOTE: CUSTOMER CONNECTIONS SHOWN AS DASHED LINES.

**Bardac**  
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SHT. TITLE	PLX/PL POWERDRIVE PANEL	MATERIAL	--	DRAWN	R. WILLIAMS 30 JAN 18	DWG. NO.	HF503831
DWG. TYPE	DRIVE PANEL CIRCUIT DIAGRAM	FINISH	--	CHECKED	--	DWG. ISS.	A
TITLE	FRAME 4 400 - 550HP POWERDRIVE PANEL	DWG VIEW	--	APPROVED	--	SCALE	DO NOT SCALE
TOLERANCE	--	SIZE	A	SHT.	1 OF 1		

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