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POWER DRIVE RATING TABLE 250-400 HP (AT 500VDC)			
COMPONENT	250HP	300HP	400HP
DRIVE OUTPUT	405A	480A	630A
DRIVE MODEL	PL/PLX185	PL/PLX225	PL285
F1, F2, F3	450A	600A	600A
F4	500A	600A	700A
F5, F6, F7	40A	40A	40A
F8, F9, F10	1A	1A	1A
F11	4A	4A	4A
BRANCH PROTECTION	400A	500A	600A

13 CONTROL COM	24 DRIVE HEALTHY	22 ZERO SPEED				34 COAST STOP	35 +24VDC SIG	31 RUN	33 START	32 JOG	53 CNTRL L	52 CNTRL N	B1 FAN AC	B2 FAN AC	45 CON1	46 CON2	L1 MAIN POWER	L2 MAIN POWER	L3 MAIN POWER	EL1 AUX SPPLY	EL2 AUX SPPLY	EL3 AUX SPPLY
DRIVE MODEL: PL/PLX185- 225, PL285																						
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	ARM (-) A-	EARTH GND G	ARM (+) A+	FIELD (-) F-	FIELD (+) F+

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

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	20 JUN 01	R. WILLIAMS
B	11 NOV 02	R. WILLIAMS
C	24 APR 03	R. WILLIAMS
D	15 MAY 04	R. WILLIAMS

NOTE: CUSTOMER CONNECTIONS SHOWN AS DASHED LINES.

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SHT. TITLE	CONNECTIONS AND RATINGS	MATERIAL	-	DRAWN	R. WILLIAMS 20 JUN 01	DWG. NO.	HF501482
DWG. TYPE	DRIVE PANEL CIRCUIT DIAGRAM	FINISH	-	CHECKED		DWG. ISS.	AIBICID
TITLE	PL/PLX POWER DRIVE 250- 400HP	DWG VIEW	-	APPROVED		SCALE	DO NOT SCALE
TOLERANCE			-	SIZE	A	SHT.	1 OF 1