

POWER DRIVE RATING TABLE 100 -200 HP (AT 500VDC)				
COMPONENT	100HP	125HP	150HP	200HP
DRIVE OUTPUT	164A	205A	270A	330A
DRIVE MODEL	PL/PLX65	PL/PLX85	PL/PLX115	PL/PLX145
F1, F2, F3	175A	250A	300A	350A
F4	200A	250A	350A	400A
F5, F6, F7	15A	15A	15A	15A
F8	1A	1A	1A	1A
BRANCH PROTECTION	175A	200A	250A	300A

13 CONTROL COM	24 DRIVE HEALTHY	22 ZERO SPEED						35 -24VDC SIG	31 RUN	34 COAST STOP	33 START	32 JOG	53 CNTRL L	52 CNTRL N	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/PLX65-145																									
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
LA501116	MSP ASSEMBLY, 0.25 - 0.40A
LA501117	MSP ASSEMBLY, 0.40 - 0.63A
LA501118	MSP ASSEMBLY, 0.63 - 1.0A
LA501119	MSP ASSEMBLY, 1.0 - 1.6A
LA501120	MSP ASSEMBLY, 1.6A - 2.5A
LA501121	MSP ASSEMBLY, 2.5 - 4.0A

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	11 AUG 00	R. WILLIAMS
B	15 SEP 00	R. WILLIAMS
C	11 NOV 02	R. WILLIAMS
D	19 MAR 04	R. WILLIAMS
E	10 OCT 05	R. WILLIAMS

NOTE: CUSTOMER CONNECTIONS SHOWN AS DASHED LINES.

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SHT. TITLE	CONNECTIONS AND RATINGS	MATERIAL	-	DRAWN	R. WILLIAMS 11 AUG 00	DWG. NO.	HF501300
DWG. TYPE	DRIVE PANEL CIRCUIT DIAGRAM	FINISH	-	CHECKED		DWG. ISS.	AIBICIDIE
TITLE	PL/PLX POWER DRIVE 100 - 200HP	DWG VIEW	-	APPROVED		SCALE	DO NOT SCALE
TOLERANCE			-	SIZE	A	SHT.	1 OF 1

