

POWERFLEX 4 CLASS DRIVES DRAWING LIST			
FILENAME	DESCRIPTION	SHEET	FILEDATE
PF4_Title_Sheet	TITLE SHEET	0	9/11/2008
PF4_40_40P_Power	PF4/40/40P POWER	1	9/11/2008
PF400_Power	PF400 POWER	2	9/11/2008
PF4_Control_Power	CONTROL POWER	3	9/11/2008
PF4_Monitored_Safety_Relay	MONITORED SAFETY RELAY	4	9/11/2008
PF4_IO	PF4 I/O WIRING	5	9/11/2008
PF40_IO	PF40 I/O WIRING	6	9/11/2008
PF40P_IO	PF40P I/O WIRING	7	9/11/2008
PF400_IO	PF400 I/O WIRING	8	9/11/2008
PF4_PLC_Comms	PLC COMMUNICATIONS	9	9/11/2008
PF4_PLC_IO	PLC I/O WIRING	10	9/11/2008
PF4_Ethernet_Switch	ETHERNET SWITCH	11	9/11/2008
PF4_Panel_Layout	PANEL LAYOUT	14	9/11/2008
PF4_Frames	FRAMES	15	9/11/2008

Rockwell Automation

ELECTRICAL REQUIREMENTS FOR THE EQUIPMENT

SUPPLY VOLTAGE: XXXVAC, X PHASE, XXHZ
TOTAL CONNECTED HP: ____??____
TOTAL CONNECTED KVA: _ ?? _____
TOTAL POWER FACTOR KVAR: ____??____
ESTIMATED FULL LOAD AMPS: ____??____
RUNNING FULL LOAD AMPS: _____??_
MAIN FUSE OR BREAKER: ____??____ AMPS
PLANT FUSE OR BREAKER: _____??__ AMPS
SHORT CIRCUIT WITHSTAND RATING: _??_____ AMPS

UTILITY REQUIREMENTS

AIR:	80	PSI	??	SCFM
STEAM:	N/A	LBS/HR	??	
WATER:	N/A	GPM	??	
COOLANT:	N/A	PSI	??	GPM
GAS:	N/A	PSI	??	CFM
EXHAUST:	N/A	CFM	??	

WIRING GUIDELINE

VOLTAGE	COLOR	TYPE	SIZE (Minimum)
XXXVAC	BLACK	MTW inside panel THHN outside panel	#XX AWG
120VAC	RED	MTW inside panel TFFN outside panel	#XX AWG #XX AWG
INTERLOCKS AND WIRING NOT CONTROLLED BY MAIN DISCONNECT	YELLOW	TFFN / THHN	#XX AWG
24VAC	BLUE w/RED TRACER	MTW inside panel TFFN outside panel	#XX AWG
24VDC (+)	BLUE	MTW inside panel TFFN outside panel	#XX AWG
24VDC (-)	WHITE w/BLUE -OR- BLUE w/WHITE TRACER	MTW inside panel TFFN outside panel	#XX AWG
24VDC INTERLOCKS AND WIRING NOT CONTROLLED BY MAIN DISCONNECT	YELLOW w/BLUE TRACER	TFFN / THHN	#XX AWG
GROUND	GREEN or GRN/YEL	MTW inside panel TFFN outside panel	#XX AWG
120VAC NUETRAL	WHITE	MTW inside panel TFFN outside panel	#XX AWG #XX AWG

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MAIN ENCLOSURE TERMINAL

FIELD J-BOX TERMINAL

FIELD STATION TERMINAL

INTERNAL WIRING