



Part	Description	QTY	REF DES
	FLAT PLATE CONSISTING OF		
225016	SURGE RESISTOR: 500 OHM, 100W	2	R1-2
307025	FUSE: 1 1/4A TIME DELAY: 13/32 X 1.5	3	F1-3
308016	FUSE HOLDER: 1 POLE CLASS CC	1	F3
307022	FUSE: 1 AMP SLO BLO 2AG	1	F6
311028	XFMR LV: 100VA: 208-600/100-240 INCLUDES 2) FUSE HOLDERS	1	T1
322592	HARNES: EN6001/EN7000 FLAT PLATE POWER STANDAD CONTROL NO OPTION	1	
331264	EN6001 I/O TERM STRIP JUMPER	2	TS2
335071	TERM STRIP: 12 PIN 20A 600V	1	TS2
318060-001	PWR SUP 115/230 VAC TO 24VDC	1	PS
322594-001	RIBBON CABLE: EN6001: 15IN	1	P2-P4
322594-002	RIBBON CABLE: EN6001/EN7000: 26.5IN	1	P2-P4
322594-003	RIBBON CABLE: EN6001/EN7000: 34IN	1	P2-P4
410406-002	PCB ASSEM EN6001(MX)/EN7000 POWER PCB	1	PCB1
410429-001	PCB ASSEM SHORTED CONTACTOR 24 VDC	1	PCB3
410430-001	PCB ASSEM SHORTED CONTACTOR TRANSFORMER	1	PCB2
600520	SCR ASSEMBLY: 300A	1	XTOR
600970	SCR ASSEMBLY: 1200A: for EN1000 E and S CABINET; for EN6001 E CABINET	1	XTOR
600533-005	SCR ASSEMBLY: 1800A DIRECT-COOLED	1	XTOR
600533-003	SCR ASSEMBLY: 2200A DIRECT-COOLED	1	XTOR
600533-014	SCR ASSEMBLY: 3200A DIRECT-COOLED	1	XTOR
600598-010	SCR ASSEMBLY: 1200A: DIRECT-MOUNT; NO HOSE BARBS	1	XTOR
600782	SCR ASSEMBLY: 1800A MODULE; for EN6001 / EN7000	1	XTOR
566056	ASSEM, BULKHEAD WATER FITTINGS	2	XTOR
600775-003	EN7000 TIMER ASSEMBLY: GEARPLATE w/EIP	1	TIMER
or			
600775-004	EN7000 TIMER ASSEMBLY: TOUCHSCREEN w/EIP	1	TIMER
225024	RESISTOR: 680R 90W; WIREWOUND (HWR OPTION)	2	R1A-R2A
313035	CURRENT TRANSFORMER (CT): 1000:5	1	T3P
225023	RESISTOR: 0R33 16W CHASSIS MOUNT	1	RT3P
600778	EN7000 EIP door interface Option Phantom/	1	~
	OPTIONAL SWITCHES		
730014-009	ADD-ON: PROGRAM LOCKOUT (PLS) EN6000 SERIES	1	SW1
730014-055	ADD-ON: COUNTER RESET; EN6001/EN7000	1	SW1
730014-004	ADD-ON: OPERATIONAL MODE (OMS) EN6000 SERIES	1	SW1
	OPTIONAL COILS		
730014-005	S5 COIL: EN6001/6021/6041/7000	1	T3S
730014-006	S8 COIL: EN6001/6021/6041/7000	1	T3S
	VAC OPTION		
307022	FUSE: 1 AMP SLO BLO 2AG (PCB2 VAC option)	9	F1-9
307025	FUSE: 1 1/4A TIME DELAY: 13/32 X 1.5	2	F4-5
311027	TRANSFORMER 150 VA 208-230-460 TO 24 115. INCLUDES 2) FUSE HOLDERS	1	T2
322593	HARNES: EN6001 ACV OPTION	1	
410417	PCB Assem AC Output EN7000/PAK2	1	PCB2
410418	PCB Assem AC Output EN7000 Output Adapter	1	PCB3
410419	PCB Assem AC Output EN7000 Input Adapter	1	PCB4
322600	RIBBON CABLE: EN7000 AC VALVE OPTION (J67)	1	P3, 6, 7

Drawing details connections to add Shorted Contactor Option to standard EN7000 controls
Shown for 24 VDC

For Customer connections. See 421563

SEE EN7000 MANUAL 700241 SEE EN7000 Shorted Contactor Manual 700255 SEE EN7000 ACV OPTION MANUAL 700251

REV	AUTH	DESCRIPTION	DRWN BY	CHKD BY
ENTRON Page 1 of 2				
SCALE	DATE	DRAWN BY	CHK'D BY	APPROVED BY
NONE		DCS	DCS	DCS
TOLERANCE UNLESS SPECIFIED		REVISED		
ANGLES:	± 1/2°	REV LTR	APPROVED BY	
DECIMALS:	± .010	DATE		
FRACTIONS:	± 1/64			
EN7000 SERIES WIRING DIAGRAM WITH SHORTED CONTACTOR DETECTION				
NEXT ASSMUSED ON		DRAWING NUMBER		REV
EN7000 SERIES		421563-002		ORIG