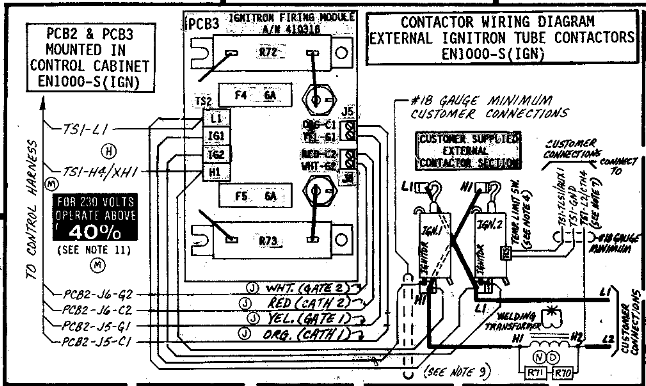
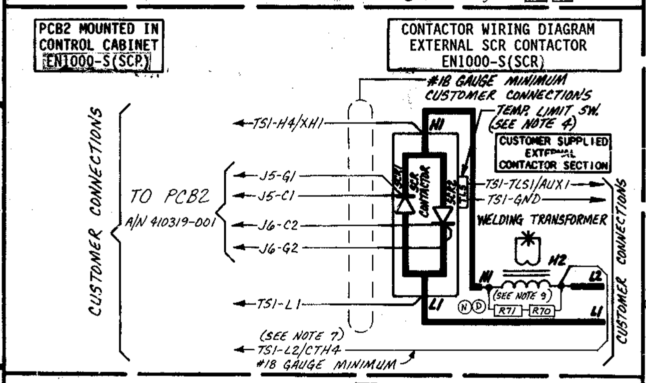
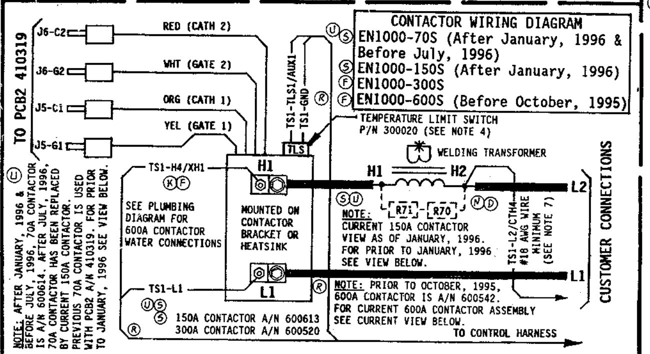
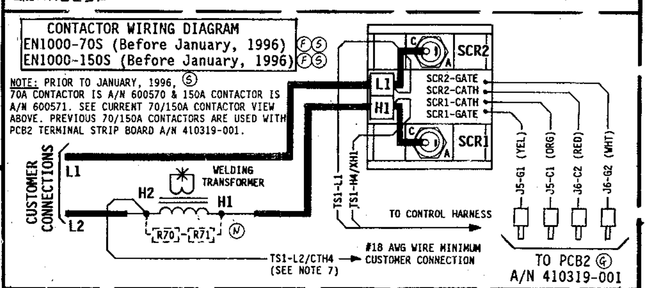
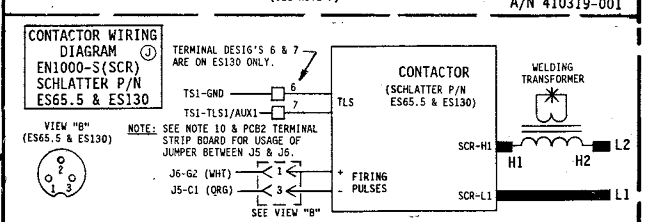
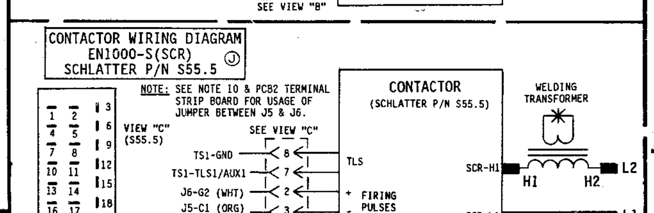


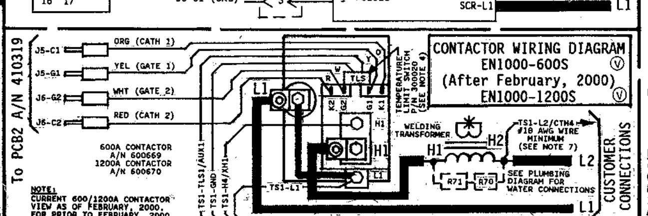


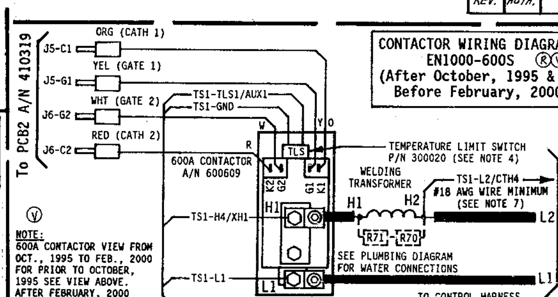












NOTES:

1. It is recommended that control wiring (i.e. initiation, pressure switch, etc.) be physically separated from the high voltage wiring (115 volts or higher).

2. For 460 VAC Operation - Use Jumper #1 on T3 & TS1. As shipped unless otherwise specified.
   For 230 VAC Operation - Use Jumper #2 on T3 & TS1.
   For 575 VAC Operation - FACTORY WIRED ONLY. SEE VIEW "A".
   Replace T3 with P/N 311016. Wire per View "A". Use Jumper #1 between H2 & H3 on TS1.
   Use Resistor R74 (2000 Ohm, 10 Watt) in place of Jumper #1 between CTH2 & CTH3 on TS1.
   For 115 VAC or 380 VAC Operation - CONSULT FACTORY.

3. For Single Stage Pilot Operation - Connect pilot switch to TS1-FS3 & TS1-GND.
   No jumpers required across TS1-FS1 & TS1-GND.

   For Two Stage Pilot Operation - Connect 1st stage pilot switch to TS1-FS1 & TS1-GND.
   Connect 2nd stage pilot switch to TS1-FS3 & TS1-GND.

   For DUAL COUNT/DUAL CURRENT (Dual Weld/Dual Heat) or TRIPLE COUNT/TRIPLE CURRENT (Triple Weld/Triple Heat) or External Schedule Selection, SEE MANUAL.

4. EN1000-S(IGN) & EN1000-S(SCR):
   When used, connect customer provided Normally Closed (N.C.) Temperature Limit Switch (TLS) across TS1-TLS1/AUX1 & TS1-GND and remove jumper between TS1-TLS1/AUX1 & TS1-GND.
   EN1000-150S, EN1000-300S, EN1000-600S, & EN1000-1200S:
   ENTRON supplies Temperature Limit Switch (TLS) P/N 300020 and provides connections to TS1-TLS1/AUX1 & TS1-GND. Jumper not required between TS1-TLS1/AUX1 & TS1-GND.
   NOTE: TLS Thyristor will open at temperatures greater than or equal to 150° F.

5. When external valve power is supplied to the control. Remove and insulate leads TS3-VL1 & TS3-VL2 on the Terminal Strip Board (PCB2), (from T3-X1 & T3-X2). Connect external AC power supply (24-240 VAC) to TS1-VL1 & TS1-SV2/SV4/VL2.
   CAUTION: Do not overtighten TS3.

6. VALVE 3 OUTPUT USAGE:
   TS1-SV5 & TS1-SV6 (Valve 3) can be used for either a Valve output or a Process output.
   When TS1-SV5 & TS1-SV6 is used as a Valve output use Jumper "A" on TS3.
   When TS1-SV5 & TS1-SV6 is used as a Process output use Jumper "B" on TS3.
   CAUTION: Do not overtighten TS3

   WARNING: Use of Jumper "B" bypasses control relay contacts to allow a process output without an initiation. SEE MANUAL.

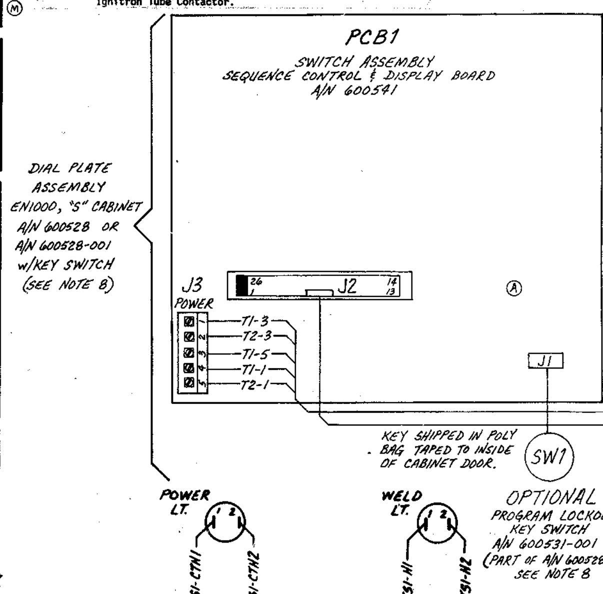
7. Connect TS1-L2/CTH4 to L2/H2 side of Welding Transformer Primary.

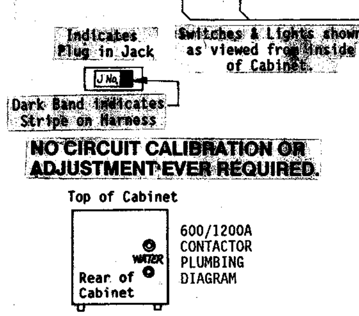
8. When Optional Program Lockout is specified by customer. Dial Plate A/N 600528-001 replaces A/N 600528. Add Switch P/N 600531-001 & remove Hole Plug P/N 565003.

9. EN1000-S(IGN) & EN1000-S(SCR):
   Remove all connections from previously existing firing circuits to L1, L2/H2, & H1 also Ignitor leads or SCR Gate leads & SCR Cathode leads. All previously existing surge Resistors or Rectifiers must be disconnected prior to installation of this control.
   CAUTION: On EN1000-S(SCR), Do not overtighten J5 & J6.

10. For External SCR Contactor firing with SCHLATTER P/N S55.5, ES65.5, & ES130 Contactors. Do NOT make J5 & J6 connections as shown on PCB2. See EN1000-S(SCR) Contactor Wiring Diagram with SCHLATTER Contactors. Install jumper on PCB2 Terminal Strip Board between J5-2 (Yellow) & J6-1 (Red). Make connections from J5-1 (Orange) & J6-2 (White) on PCB2 to SCHLATTER Contactor per correct External SCR Contactor Wiring Diagram.

11. CAUTION: Do NOT set Current Control below 40% for 230 Volt Operation with Ignitron Tube Contactor.





NO CIRCUIT CALIBRATION OR ADJUSTMENT EVER REQUIRED.

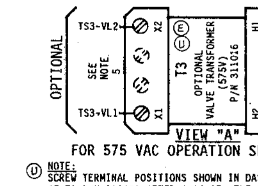
FOR SERVICE ON THIS CONTROL
CONTACT YOUR MACHINE DEALER
OR
ENTRON CONTROLS INC.
DIRECTLY: (630) 682-9600
465 EAST RANDY ROAD
CAROL STREAM, IL 60188
FAX # (630) 682-3374

WARNING: HIGH VOLTAGE

VOLTAGES PRESENT IN THIS CONTROL CAN CAUSE SEVERE OR FATAL INJURIES
NOTE: EVEN THOUGH SUPPLY POWER TO THIS UNIT HAS BEEN DISCONNECTED, THERE MAY BE VOLTAGES IN THIS CONTROL ORIGINATING FROM OTHER SOURCES.
FOR ALL VOLTAGE POTENTIAL TO BE REMOVED FROM THIS CONTROL, POWER MUST BE REMOVED FROM ALL EXTERNAL CONTROL CIRCUITS CONNECTED TO TERMINALS IN THIS CABINET

CAUTION
Control Shipped Wired for 460 VAC
Unless otherwise specified - See Note 2.

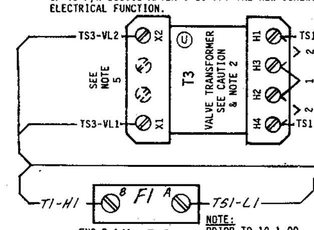
CAUTION
DO NOT OPERATE WITHOUT WATER ON
POWER ON WITHOUT WATER FLOW MAY CAUSE DAMAGE TO CONTROL.
TURN POWER OFF WHEN CONTROL IS NOT IN USE.



NOTE: PRIOR TO 1-15-93, OPTIONAL 575V T3 VALVE TRANSFORMER WAS P/N 311006. WIRE FROM TS1-L2/CTH4 WAS CONNECTED TO T3-H3. T3-H3 SCREW POSITION WAS IN SAME LOCATION AS T3-H2.

NOTE: SCREW TERMINAL POSITIONS SHOWN IN DASHED LINES ARE PART OF 575V T3 P/N 311016 AFTER 6-16-97. THE NEW SCREWS PERFORM NO ELECTRICAL FUNCTION.

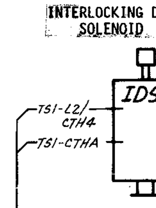
NOTE: SCREW TERMINAL POSITIONS SHOWN IN DASHED LINES ARE PART OF T3 P/N 311001 AFTER 6-16-97. THE NEW SCREWS PERFORM NO ELECTRICAL FUNCTION.

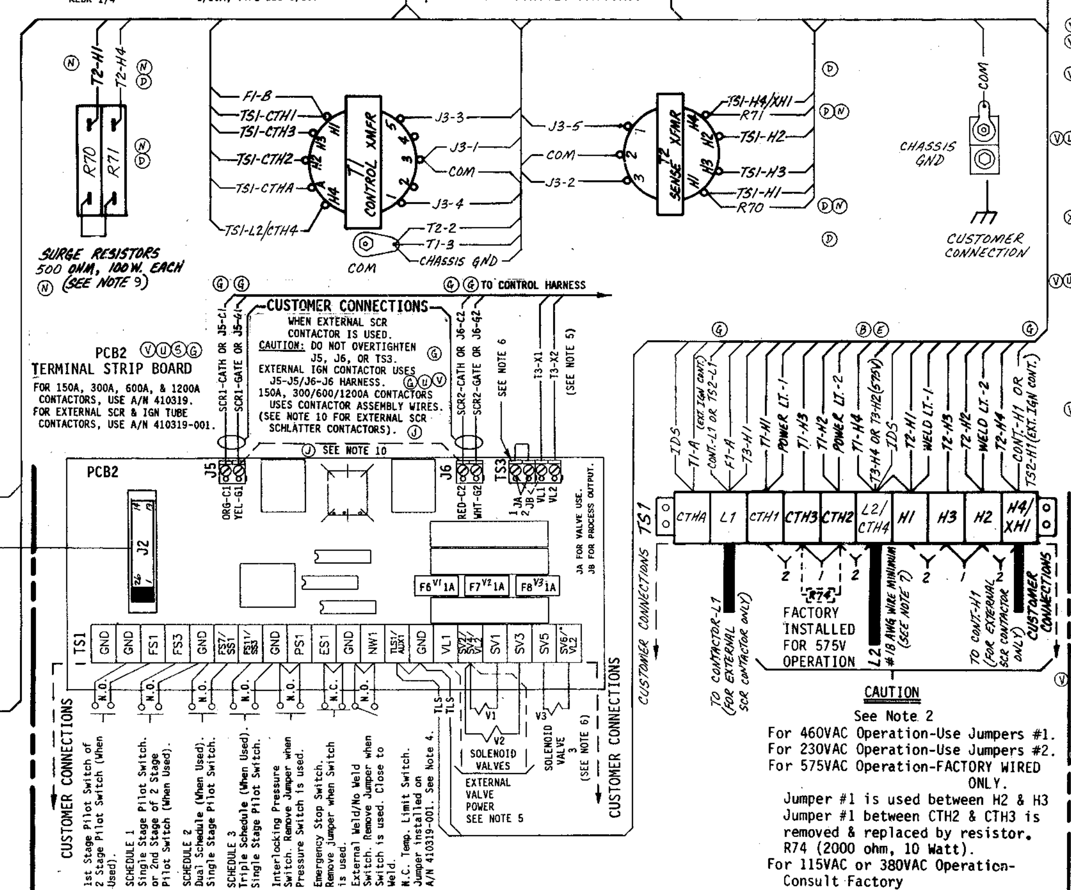


CAUTION
SEE NOTE 2
For 460 VAC Operation - Use Jumper #1 ONLY.
For 230 VAC Operation - Use Jumper #2 ONLY.
For 575 VAC Operation - FACTORY WIRED ONLY.
SEE VIEW "A": REPLACE T3 WITH P/N 311016.
For 115 VAC or 380 VAC Operation - CONSULT FACTORY.

PLEASE REFER TO CORRECT CONTACTOR WIRING DIAGRAM FOR CONTROL CONTACTOR

TO CONTACTOR SECTION





CAUTION
See Note 2
For 460VAC Operation-Use Jumpers #1.
For 230VAC Operation-Use Jumpers #2.
For 575VAC Operation-FACTORY WIRED ONLY.
Jumper #1 is used between H2 & H3
Jumper #1 between CTH2 & CTH3 is removed & replaced by resistor. R74 (2000 ohm, 10 Watt).
For 115VAC or 380VAC Operation-Consult Factory

CAUTION CONTROL WIRED FOR 460 VAC - UNLESS OTHERWISE SPECIFIED.
CUSTOMER CONNECTIONS- CAUTION- READ MANUAL & ALL NOTES BEFORE INSTALLING OR OPERATING CONTROL. SEE NOTE 1.

PARTS LIST - CONTROL SECTION

421180 X

EXT SCR CONT'S QTY.	EXT. IGN TUBE CONT'S QTY.	150A, 300A, & 600/1200A CONT'S QTY.	DESIG.	PART NO.	DESCRIPTION
1	1	1		600528	Assem., Dial Plate, EN1000, Consisting of:
@	@	@		600528-001	Assem., Dial Plate, w/Keylock, EN1000, Consisting of:
1	1	1	PCB1	600541	Assem., Switch, Sequence Control & Display Bd.
@	@	@	SW1	600531-001	Assem., Switch, Keylock, Momentary, SPST
1	1	1		540251	Illustrated Panel, Dial Plate, EN1000
1	1	1		515104	Panel, Display Window, Red Filter, EN1000
1	1	1		565003	Hole Plug, 3/4" Diam., Black
1	1	1	PWR.LT.	305001	Lamp, Neon, Red, 230V
1	1	1	WLD.LT.	305002	Lamp, Neon, Clear, 230V
1	1	1	J2-J2	322303	Assem., Harness, Control Bd. to Terminal Bd.
		1	J3	322304	Assem., Harness, Power, 150A,300/600/1200A Cont's
	1		J3	322304-002	Assem., Harness, Power, External IGN Tube Cont's
1			J3	322304-003	Assem., Harness, Power, External SCR Contactors

PARTS LIST - CONTACTOR SECTION

REV	EN1000-600S	EN1000-300S	EN1000-150S	EN1000-1200S	EN1000-S(SCR)	EN1000-S(IGN)	DESIG.	PART NO.	DESCRIPTION
VUFE	1	1	1	1	1	1	TS1	335034	Terminal Strip, 10 Pin, (Part of J3 Harness)
VUFE	1	1	1	1	1	1	T1	310001	Transformer, Control, (Part of J3 Harness)
VUFE	1	1	1	1	1	1	T2	310002	Transformer, Sense, (Part of J3 Harness)
VUF	1	1	1	1	1	1	T3	311001	Transformer, Valve, 50VA
VUFE	*	*	*	*	*	*	T3	311016	Transformer, Valve, 50VA, 575V
						1	(J5-J5/J6-J6)	322311	Assem., Harness, IGN Firing Module to Term. Bd.
W	X	X	X	X	X	X	T3	311002	Transformer, Valve, 150VA
VUNFD	2	2	2	2	2	2	R70,71	225016	Resistor, Power, Surge, 500 Ohm, 100W
E						2	R72,73(PCB3)	220505	Resistor, Ignitor, 5 Ohm, 50W, (Part of 410318)
VUF	*	*	*	*	*	*	R74	600048	Assem., Resistor, Power,2000 Ohm,10W,(For 575V)
VUF	1	1	1	1	1	1	F1	308010	Fuseholder, 1 Pole, Mini, 600V
XVUF	1	1	1	1	1	1	F1	307024	Fuse, Control, 1/4A, FNQ-R-1/4 or KLDR-1/4
VU	3	3	3	3	3	3	F6,7,8(PCB2)	307022	Fuse, 1 Amp, Slow Blow, 2AG, (Part of 410319 & 410319-001)
						2	F4,5(PCB3)	307010	Fuse, Ignitor, 6 Amp, BAF 6, (Part of 410318)
VUNFD	1	1	1	1	1	1	(R70,71)	325191	Assem., Wire, Surge Resistor, 18 GA., Black
VUF	2	2	2	2	2	2	(T3)	325149	Assem., Wire, Valve Transformer, 22 GA., Blk.
R	2							346004	Lug, 5/16" Bolt to 2/0 Wire, 600A Cont., L1 & H1
SF			1					600613	Assem.,Contactor,Thyristor,Air,150A,460/575V,w/TLS
USF		1						600520	Assem., Cont.,Thyristor,Air, 300A, 460/575V, w/TLS
VR	1							600669	Assem., Cont., Thyristor, Water, 600A, 460/575V
VUSR	1	1	1	1			TLS	300020	Switch, Temp. Limit, (Part of 600520 & 600613)
VR				2				346002	Lug, 5/16" Bolt to 4/0 Wire, 1200A Cont., L1 & H1
VR				1				600670	Assem., Cont., Thyristor, Water, 1200A, 460/575V
VUS	1	1	1	1			PCB2	410319	Assem., PCB, Terminal Strip Board, EN1000
SF					1	1	PCB2	410319-001	Assem., PCB, Term. Strip Bd., Ext. Firing, EN1000
						1	PCB3	410318	Assem., PCB, IGN Firing Module
VUL	1	1	1	1	1	1	(PCB2)	510236	Plate, Mounting, Terminal Strip Board
VUF	1	1	1	1	1	1		346004	Lug, Screw, Chassis GND, 2/0 Wire
VUF	1	1	1	1	1	1	IDS	600044	Assem., Interlocking Door Solenoid
VUF								314001	Coil Assem Only, IDS
VUF	1	1	1	1	1	1		510015	Cabinet, "S" Subcompact
VUF	1	1	1	1	1	1		510017	Door, Cabinet, "S"
VUF	1	1	1	1	1	1		700105	Manual, EN1000
VFC	1	1	1	1	1	1		421183	Logic Diagram, EN1000 Control
VUF	1	1	1	1	1	1		421180	Wiring Diagram, EN1000-Series, "S" Cabinet

- X Optional.
- @ Optional Keylock when specified by customer. See Note 8. Pack key in Poly bag 900148 & attach to Door w/Yellow Tape 900118.
- * Substitution or Addition of Parts when 575V Control is specified.

MANUFACTURING INSTRUCTIONS
See Drawings #600530, #600530-001, #600530-002, & #600530-003 for Mechanical Assembly Instructions.
See Drawing #440269 for Packing Instructions, "S" Cabinet.
See Drawing #440352 for Label Locations, "S" Cabinet.
See Drawing #440055 for Customer Mounting & Knockout Detail of "S" Cabinet.
For Layout/Assembly of Front Panel, See Drawing #600526.

See Wiring Diagram #421180-001 for EN1000-Series, "S" Cabinet, 380 VAC Operation.
See Wiring Diagram #421189 for EN1000-Series, "R" Cabinet.
See Wiring Diagram #421210 for EN1000-Series, "D", "T", "L", or "LS" Cabinet, w/Optional Circuit Isolation Device.
See Wiring Diagram #421212 for EN1000-Series, "E" Cabinet.

Revisions

REV.	AUTH.	DESCRIPTION	DRWN BY DATE	CHK'D BY DATE
X	ECN 2631	IN DRWG. & P/L: FUSE F1 PART NO. 307024, FNQ-R-1/4 OR KLDR-1/4 WAS 307018 BBS 6/10A; IN DRWG: ADDED REF. NOTE "PRIOR TO 10-1-00...";	DEC 10-4-00	DEC 10-4-00
W	ECN 2599	FOR 1200A,600A,300A,150A,EXT SCR XTOR, & EXT IGN TUBE XTOR COLUMNS IN P/L:ADDED OPTIONAL T3 VALVE XFMR 311002;IN DRWG BELOW P/L:ADDED REF "OPTIONAL";	DEC 4-5 00	DEC 4-5 00
V	ECN 2593	IN CTRL SECTION P/L:ADDED 1200A XTOR REF TO 150/300/600A XTOR COLUMN;IN XTOR SECTION P/L:ADDED 1200A XTOR COLUMN W/1200A XTOR 600670, LUGS (2)346002, & RELATED COMPONENTS CURRENTLY IN EN1000 "S" CAB CTRL; IN 600A XTOR COLUMN IN P/L:600A XTOR 600669 REPLACED 600609 & 530021;IN DRWG:ADDED 1200A XTOR REF TO PCB2 ,NOTE 4 "TLS CONNECTIONS...",BELOW REV NOTE DESC BLOCK, & ADDED 600/1200A XTOR W/D "AFTER FEB,2000... ...";IN 600A XTOR W/D:LABELED XTOR "BEFORE FEB., 2000" & UPDATED REF NOTE "600A XTOR VIEW...";	DEC 3-3 00	DEC 3-3 00
U	ECN 2456	IN DRWG;ADDED 4 DASHED LINE SCREWS TO 575 VAC T3 VALVE XFMR,ADDED 2 DASHED LINE SCREWS TO 230/460 VAC T3 VALVE XFMR,ADDED REF NOTE "DASHED SCREWS PART OF 311001 AFTER 6-16-97...",ADDED REF NOTE "DASHED SCREWS PART OF 311016 AFTER 6-16-97...", & UPDATED REF NOTE "PRIOR TO 1-15-93..."	DEC 6-17 97	DEC 6-17 97
	ECN 2422	FOR EXT SCR XTOR,EXT IGN XTOR,150A XTOR,300A XTOR, & 600A XTOR COLUMNS IN P/L:F1 FUSEHOLDER 308010 WAS 308006;IN DRWG:RMV'D DASHED LINE REPRESENTING 2 POLE FUSEHOLDER FOR F1 IS NOW 1 POLE;		
	ECN 2420	IN CTRL & XTOR SECTIONS OF P/L:RMV'D 70A XTOR COLUMN W/70A XTOR 600614 & RELATED COMPONENTS CURRENTLY IN P/L FOR 70A XTOR & UPDATED DESC'S OF TLS 300020 & J3 HARNESS 322304;IN DRWG:UPDATED PCB2 REF NOTE & J5/J6 REF NOTE FOR REMOVAL OF 70A XTOR,UPDATED NOTE 4 "TLS CONNECTIONS...", & RMV'D 70A XTOR REF FROM BELOW REV DESC BLOCK;IN 70/150/300/600A XTOR W/D:LABELED 70A XTOR "BEFORE JULY,1996",RMV'D REF "70A XTOR 600614", UPDATED REF NOTE "CURRENT 150A XTOR VIEW...", & ADDED REF NOTE "AFTER JAN,1996 & BEFORE JULY,1996...";		
T	ECN 2367	IN CTRL SECTION OF P/L:70/150A XTOR J3 HARNESS 322304 WAS 322304-002;	DEC 2-14-96	DEC 2-14-96
S	ECN 2358	IN 70A XTOR COLUMN IN P/L:70A XTOR 600614 WAS 600570,PCB2 410319 WAS 410319-001, & ADDED TLS 300020;IN 150A XTOR COLUMN IN P/L:150A XTOR 600613 WAS 600571,PCB2 410319 WAS 410319-001, & ADDED TLS 300020;IN DRWG:UPDATED NOTE 4 "TLS CONNECTIONS..." & FOR 70/150A XTORS PCB2 410319 WAS 410319-001;IN 70/150A XTOR W/D:LABELED 70/150A XTORS "BEFORE JAN, 1996" & ADDED REF NOTE "PRIOR TO JAN,1996...";IN 300/600A XTOR (BEFORE OCT,1995) W/D:ADDED 70/150A XTORS (AFTER JAN,1996),70A XTOR REF "A/N 600614", 150A XTOR REF "A/N 600613",REF NOTE "CURRENT 70/150A XTOR VIEW...";	DEC 1-30 96	DEC 1-30 96
R	ECN 2336	FOR 600A XTOR COLUMN IN P/L:600A XTOR 600609 & LUGS (2)346004 REPLACED 600542,ADDED PLATE 530021, & RMV'D DESC "P/O 600542" FROM TLS 300020;IN DRWG: ADDED 600A XTOR W/D (AFTER OCT,1995);IN 300/600A XTOR W/D:LABELED 600A XTOR "BEFORE OCT,1995",ADDED REF NOTE "PRIOR TO OCT, 1995...", & RMV'D 600A XTOR REF "A/N 600542";	DEC 11-1 95	DEC 11-1 95
P	2270	IN DRWG:UPDATED NOTE 6 "EXTERNAL VALVE POWER...";	DEC 2-20-95	
N	ECN 2225	FOR EXT IGN XTOR,EXT SCR XTOR,70A XTOR,150A XTOR, 300A XTOR, & 600A XTOR COLUMNS IN P/L:SURGE RESISTORS R70,71 225016 REPLACED R70,71,75,76 222516 & QTY 1 FOR 325191 WAS QTY 3;IN DRWG:SURGE RESISTORS R70,71 500 OHMS REPLACED R70,71,75,76 250 OHMS,T2-H4 NOW WIRED TO R71 WAS R76, & T2-H1 NOW WIRED TO R70 WAS R75;IN EXT IGN XTOR W/D,EXT SCR XTOR W/D,70/150A XTOR W/D, & 300/600A XTOR W/D:UPDATED SURGE RESISTOR WIRING ON WELDING XFMR;	DEC 8-26 94	DEC 8-26 94
M	ECN 2217	IN EXT IGN TUBE XTOR W/D:ADDED LABEL "230 VOLT OPERATE..." & REF "SEE NOTE 11";IN DRWG:ADDED NOTE 11 "CAUTION:DO NOT SET CURRENT...";	DEC 7-7-94	DEC 7-7-94
L	ECN 2207	FOR EXT IGN XTOR,EXT SCR XTOR,70A XTOR,150A XTOR, 300A XTOR, & 600A XTOR COLUMNS IN P/L:ADDED PLATE 510236;	DEC 6-2-94	DEC 6-2-94
K	ECN 2159	IN 300/600A XTOR W/D ON XTOR-H1:WIRE "TS1-H4/XH1" WAS "TS1-H4/AUX1";	DEC 1-11-94	DEC 1-11-94
J	ECN 2132	ON PCB2:ADDED JUMPER BETWEEN J6-2 & J6-1 & REF'D TO "SEE NOTE 10" FOR EXT SCR SCHLATTER XTORS;IN DRWG: ADDED NOTE 10 "EXT SCR SCHLATTER XTORS...",ADDED EXT SCR XTOR W/D (S55.5), & ADDED EXT SCR XTOR W/D (ES65.5 & ES130);	DEC 9-9 93	DEC 9-9 93
	ECN 2133	IN CTRL SECTION OF P/L:EXT SCR XTOR QTY COLUMN,EXT IGN & 70/150A XTOR QTY COLUMN, & 300/600A XTOR QTY COLUMN REPLACED ONE XTOR QTY COLUMN FOR ALL XTORS; ADDED TO 300/600A XTOR COLUMN IN P/L:DESC "300A & 600A XTORS" TO J3 HARNESS 322304;ADDED TO EXT IGN & 70/150A XTOR COLUMN IN P/L:J3 HARNESS 322304-002 ;ADDED TO EXT SCR XTOR COLUMN IN P/L:J3 HARNESS 322304-003;		
	ECN 2131	IN DRWG:ADDED REF "SEE NOTE 6" BELOW TS1 & UPDATED J5/J6 REF NOTE FOR PCB2;IN EXT IGN XTOR W/D:ADDED REF'S "W,Y,O, & R" TO J5 & J6 CONNECTIONS;		
H	ECN 2128	IN EXT IGN XTOR W/D ON TS2-H1:WIRE "TS1-H4/XH1" WAS "TS1-H1";	DEC 8-27-93	DEC 8-27-93
G	ECN 2122	ON TS1-H4/XH1:ADDED WIRE "OR TS2-H1";ON TS1-L1: ADDED WIRE "OR TS2-L1";ON PCB2:LABELED CONNECTIONS TO EXT IGN XTOR ON J5 & J6;IN DRWG:UPDATED PCB2 P/N REF NOTE FOR 70/150A XTORS & UPDATED J5/J6 REF NOTE FOR EXT IGN XTOR,70/150A XTOR, & 300/600A XTOR CONNECTIONS;IN 70/150A XTOR W/D:REF "TO 410319-001" WAS "TO 410319";	DEC 7-26 93	DEC 7-26 93
F		IN 300/600A XTOR W/D ON XTOR-H1:WIRE "TS1-H4/AUX1" WAS "TS1-H4/XH1";	DEC 4-8 93	DEC 4-8 93
	ECN 1956	IN DRWG:300/600A XTOR W/D REPLACED 2 SEPARATE XTOR W/D'S;		
	ECN 2104	IN P/L:ADDED 70A XTOR COLUMN w/70A XTOR 600570 & RELATED COMPONENTS CURRENTLY IN EN1000 "S" CAB CTRL & ADDED 150A XTOR COLUMN w/150A XTOR 600571 & RELATED COMPONENTS CURRENTLY IN EN1000 "S" CAB CTRL;IN DRWG BELOW REV DESC BLOCK:ADDED 70A XTOR & 150A XTOR REF'S;IN DRWG:ADDED 70/150A XTOR W/D;		
E	ECN 2087	FOR EXT IGN XTOR,EXT SCR XTOR,300A XTOR, & 600A XTOR COLUMNS IN P/L & IN DRWG:T3 311016 WAS 311006 ;ON TS1-CTH4/L2:WIRE "OR T3-H2(575V)" WAS "OR T3-H3(575V)";IN DRWG:ADDED T3 REF NOTE "PRIOR TO 1-15-93..." & UPDATED T3 CAUTION NOTE & NOTE 2 "575 VAC OPERATION...";	DEC 3-5 93	DEC 3-5 93
	ECN 2046	FOR EXT IGN XTOR,EXT SCR XTOR,300A XTOR, & 600A XTOR COLUMNS IN P/L:DESC OF TS1,T1, & T2 "P/O J3 HARNESS" WAS "P/O 322304";		
	ECN 1904	FOR EXT IGN XTOR COLUMN IN P/L:ADDED DESC "P/O 410318" TO R72,R73 220505;		
D	ECN 2030	FOR EXT IGN XTOR,EXT SCR XTOR,300A XTOR, & 600A XTOR COLUMNS IN P/L:SURGE RESISTORS R75 & R76 222516 WITH (2)325191 WERE OPTIONAL NOW STD;IN DRWG:RMV'D REF BELOW P/L "OPTIONAL, SEE NOTE 10", OPTIONAL REF OF R75 & R76, & NOTE 10 "OPTIONAL, HIGH DUTY CYCLE...";IN EXT IGN XTOR W/D,EXT SCR XTOR W/D,300A XTOR W/D,600A XTOR W/D, & IN DRWG: UPDATED SURGE RESISTOR WIRING;	DEC 8-20 92	DEC 8-20 92
C	1968	IN P/L:L/D 421183 WAS 421151;	DEC 11-6-91	
B	ECN 1929	IN DRWG ON TS1-CTH4/L2:CONNECTION "T1-H4" WAS "T3-H4";	DEC 9-10-91	DEC 9-10-91
A	1894	IN DRWG ON PCB1:RMV'D 10 PIN CONNECTOR J4;	DEC 7-3-91	
—	—	ORIGINAL RELEASE		

EN1000-S(IGN) EN1000-S(SCR) EN1000-150S EN1000-300S EN1000-600S EN1000-1200S

ENTRON CONTROLS INC

SCALE	DATE	DRAWN BY	CHK'D BY	APPROVED BY
	5-21-91	DEC	DEC 5-21-91	

TOLERANCE UNLESS SPECIFIED: ANGLES: ± ½°; DECIMALS: ± .010; FRACTIONS: ± 1/64
REVISED: REV LTR X; APPROVED BY; DATE 10-4-00 DEC

WIRING DIAGRAM, EN1000-SERIES, "S" CABINET

NEXT ASSM/USED ON | DRAWING NUMBER 421180- | REV X

22×34 ENTRON 470046