



PARTS LIST - CONTROL SECTION 421268-010

QTY.	DESIG.	PART NO.	DESCRIPTION
1	0	600574-015	Assem., Dial Plate, EN1001, Consisting of:
1	1	600574-016	Assem., Dial Plate, w/Key Switch, EN1001, Consisting of:
1	1	600572-009	Assem., Switch, Sequence Control & Display Board
1	1	600531-001	Assem., Switch, Keylock, Momentary, SPDT
1	1	540245	Illustrated Panel, Dial Plate, EN1001
1	1	515104	Panel, Display Window, Red Filter, EN1001
1	1	565003	Hot Plug, 3/4" Diam., Black
1	1	J485-J485	Assem., Harness, RS485 Driver Bd. to Cabinet Connector
1	1	J4-J4-J322487	Assem., Harness, Seq. Ctrl Bd./RS485 Driver Bd./S49 Bd.
1	1	PWR.LT.	Lamp, Neon, Red, 230V
1	1	WLD.LT.	Lamp, Neon, Clear, 230V
1	1	J2-J2	Assem., Harness, Ctrl Bd. to Term. Strip Bd.
1	1	J3	Assem., Harness, Power, EN1000/EN1001

PARTS LIST - CONTACTOR SECTION

QUANTITY	DESIG.	PART NO.	DESCRIPTION
1	1	TS1	Terminal Strip, 10 Pin, (Part of J3 Harness)
1	1	TS8	Terminal Strip, 2 Pin, (Part of Contactor Assem.)
1	1	TS6	Terminal Strip, 2 Pin, (Part of T3/WFS), (Shipped Loose)
2	2	R70, R71	Resistor, Power, Surge, 500 Ohm, 100W
1	1	R74	Assem., Resistor, Power, 2000 Ohm, 10W (For 575V)
1	1	R81	Resistor, Metal Oxide, 1 Ohm, 1/2W (Part of Cur. Sens. Assem.)
1	1	T1	Transformer, Control (Part of J3 Harness)
1	1	T2	Transformer, Sense, (Part of J3 Harness)
1	1	T3	Transformer, Valve, 150 VA, 575V
1	1	T3	Transformer, Valve, 150 VA, 575V
1	1	PCB6	Assem., PCB, External Schedule Select S49 Input Bd.
1	1	PCB6	Bracket, Mounting, S49 Ext. Schedule Select Board
1	1	F1	Fuseholder, 1 Pole, Mini, 50W
1	1	F1	Fuse, Control 1/4A, FKO-R-1/4 on KLRD-R-1/4
1	1	F7	Fuse, 7 Amp, Slow Blow, 2A6, (Part of 410319)
1	1	F10, F11	Assem., Wire, Surge Resistor, 10 Ohm, Black
1	1	TS2	Assem., Wire, Valve Transformer, 22 Ga., Black
1	1	TS2	Secondary Current, 6" Coil Rogowski
1	1	TS2	Secondary Current, 10" Coil Rogowski
1	1	TS2	Assem., Harness, Secondary Current, Rogowski Coil
1	1	600520	Assem., Contactor, Thyristor, Air, 300A, 460/575V, w/TL5
1	1	600659	Assem., Contactor, Thyristor, Water, 600A, 460/575V
1	1	600670	Assem., Contactor, Thyristor, Water, 1200A, 460/575V
1	1	600533-005	Assem., Contactor, SCR, Water, 1800A, 460/575V, w/TL5
1	1	600533-003	Assem., Contactor, SCR, Water, 2200A, 460/575V, w/TL5
1	1	346004	Lug, Screw, 5/16" Bolt to 2/0 Wire, 600A Contactor, L1 & H1
1	1	346002	Lug, Screw, 5/16" Bolt to 4/0 Wire, 1200A Contactor, L1 & H1
1	1	PCB5	Assem., PCB, RS485 Driver Board
1	1	PCB5	Bracket, Mounting, RS485 Driver Board
1	1	PCB2	Assem., PCB, Terminal Strip Board, EN1001
1	1	410319	Lug, Screw, Chassis Ground, 2/0 Wire
1	1	346004	Bracket, Mounting, 300/600/1200A Contactors
1	1	525035	Plate, Mounting, Terminal Strip Board & S49 Board
1	1	510236	Switch, Temp. Limit, (N.C.), (Part of 300/1200/2200A Cont.)
1	1	TS5	Switch, Temp. Limit, (N.C.), (Part of 300/1200/2200A Cont.)
1	1	TS5	Assem., Transformer, Current, 200:5, P2
1	1	TS5	Assem., Transformer, Current, 500:5, P5
1	1	TS5	Assem., Transformer, Current, 1000:5, P10
1	1	900045	Hose, 3/8" I.D.
1	1	566010	Hose Clamp, 3/8" Hose
1	1	600179	Assem., Water Fitting, 3/8" Hose
1	1	600628	Assem., Water Fitting, 3/8" Hose, (Shipped Loose)
1	1	WFS	Assem., Water Flow Switch, 3/8" Hose, (Shipped Loose)
1	1	J485-J485	Cable, Wire, 4 Cond., 24 Ga., w/Shield, SHIPPED LOOSE
1	1	J485-J485	Connector, 9 Pin, Screw Terminal, "D" Style, SHIPPED LOOSE
1	1	600590	Assem., Secondary Current Sensor (S)
1	1	322379	Assem., Harness, Secondary Current Sensor
1	1	J12-J12	Assem., Interlocking Door "Solenoid" Coil Assem. Only, IDS
1	1	IDS	Assem., Interlocking Door "Solenoid" Coil Assem. Only, IDS
1	1	510238-003	Cabinet, Control Style "E"
1	1	510241	Door, Cabinet, Style "E"
1	1	700171	Application Note, RS485 Driver Board
1	1	700173	App. Note, Customer Assembled J485-J485 Cable Assembly
1	1	421407	Assem., Interconnect Wiring of RS485 Driver Bd.
1	1	700120	Manual, EN1001
1	1	421271	Logic Diagram, EN1001 Control
1	1	421268-010	Wiring Diagram, EN1001/S49-Series/485, "E" Cabinet

Optional Keylock when specified by customer. See Note 8. Pack Key in Poly Bag 900148 & attach to Door w/Key Tag 900118.

Substitution or addition of parts when 575V control is specified.

Optional Water Flow Switch (WFS) Assembly when specified by customer. When WFS is specified, add quantity one (1) Terminal Strip TS6. WFS & TS6 are customer installed. WFS & TS6 are shipped loose. See Notes 8 & 9.

See Drawing #440449 for Customer Mounting & Knockout Detail "E" Cabinet.

Customer to assemble J485-J485 Cable Assembly per Application Note 700173. ENTRON to supply 25 Feet (25') of Cable P/N 900528, two (2) Connectors P/N 331336, & two (2) "D" Labels P/N 460228 one (1) for each connector. SHIPPED LOOSE.

MANUFACTURING INSTRUCTIONS:
 See Drawing #440445 for Packing Instructions "E" Cabinet.
 See Drawing #440448 for Label Locations "E" Cabinet.
 See Drawing #600550, #600550-001, #600550-002, or #600550-003 FOR MECHANICAL ASSEMBLY INSTRUCTIONS.
 See Drawing #440457 for Current Transformer Assembly.
 See Drawing #440458 for Secondary Current Sensor Assembly.
 See Drawing #440478 FOR SECONDARY CURRENT COIL ASSEMBLY.

ENTRON CONTROLS INC.

SCALE	DATE	DRAWN BY	CHK'D BY	APPROVED BY
1/1	6-19-95	DEC	DEC	DEC
TOLERANCES (UNLESS SPECIFIED):				
ANGLES: ± 1°				
DECIMALS: ± .010				
FRACTIONS: ± 1/64				
DATE				
WIRING DIAGRAM, EN1001/S49-SERIES/485, "E" CABINET		DRAWN BY DATE		
NEXT ASSN./USED ON		DRAWING NUMBER		
		REV		

REV. AUTH. DESCRIPTION

REV.	DATE	DESCRIPTION
1	1995	EN1001/S49-300E/485
2	1995	EN1001/S49-1200E/485
3	1995	EN1001/S49-1800E/485
4	1995	EN1001/S49-2200E/485

DRAWING NUMBER 421268-010