

8	7	6	5	4

Wire per view "B". Current transformer coil (T4) shown installed on L1, may be installed on H1. Wires from current

Wire per view "D" Secondary Current Coil (S6) & (S10) may be used in place of current Transformer (T4). Add J12-

a	0									
FOID	<u>3</u>					2			1	
DANGER			I	PAR	TS LIST CONTROL SECTION				421499	Α
DANGLN	QTY	DESIG.			PART NO.		DESC			
	1						Plate w/Sw. Assem.,			
	@								lock, EN1001, Consist	ing of:
		PCB1			00572		ch, Sequence Control		· ·	
	@ 1	SW1			00531-001 00735		ch, Keylock, Momenta Plate, EN1001	ary, S	PS1	
	1				65003	,	4" Diam., Black			
					00000					
	1	POW	ER L1	Т. З	05001	Lamp, Neon,	Red, 240V			
TAGE FLASH	1	WELD LT.		3	05002	Lamp, Neon,				
ZARD HAZARD										
off all voltage sources before	1	J2-J2		3	22560	Assem., Harn	ness, Control Board to	Terr	minal Strip Board	
ing or replacing fuse.										
cal shock or flash will	1	J3		3	22558	Assem., Harn	ness, Power, EN1000/	EN1	001	
Severe injury or death. Do not remove or cover this sign 460143B		00	0							
Do not remove or cover this sign 460143B		EN1001-1200	EN1001-300			PAR	TS LIST CONTACT		SECTION	
		00	00			1743				
for 480 VAC		N1	N.							
		Q			DESIG.	PART NO.		D	DESCRIPTION	
I – See Note 2.	A	1		TS1	52010.	335067	Terminal Strip, 10 Pir			
	0	#		TS7		335044	Terminal Strip, 2 Pin		,	
🛕 DANGER		1		T1		310001	Transformer, Control	(Par	t of J3 Harness)	
		1		T2		310002	Transformer, Sense			
		1		Т3		311002	Transformer, Valve, 7			
		*	*	-		311017	Transformer, Valve,			
		Δ		T3		311022	Transformer, Valve, 2			
		Δ	Δ	Т3		311021	Transformer, Valve, \$	5000	A	
-/		2		R70,	71	225016	Resistor, Power, Sur	-		
		*	*	R74		600048	Assem., Resistor, Po	wer,	2000 Ohm, 10W (for 5	75V)
HAZARDOUS VOLTAGE		3	3	F1, 2	2, 3	308010	Fuseholder, 1 Pole, N	Mini,	600V	
Electrical shock will cause		3	3	F1, 2	2, 3	307025	Fuse, Control, 1-1/4A	۹, FN	Q-R-1-1/4 or KLDR-1-1	1/4
severe injury or death.		3			7, 8 (PCB2)	307022			2AG (Part of 410319)	
Connect this terminal		1	1	(R70	), 71)	325024	Assem., Wire, Surge	Res	istor, 18 Ga., Black	
$\square$ directly to earth ground. ()	_		1			600520	Assem., Contactor, T	hyris	stor, Air, 300A, 480/575	V, w/TLS
Do not remove or cover this sign.	A	1				600763	Assem., Contactor, T	hyris	stor, Water, 1200A, 480	)/575V
4001440	<b>(A</b> )	1				340109-003	Assem., Heat Sink, S	Straig	ht 3/8" Hose Barbs, 1-?	1/2" Ctrs.
		SEE C	HART	T4		SEE CHART	Assem., Transformer	. Cui	rrent, 200:5, P2	
			HART			SEE CHART	Assem., Transformer			
		SEE C	HART	T4		SEE CHART	Assem., Transformer	, Cui	rrent, 1000:5, P10	
			HART			600667	Secondary Current, 6			
			HART			600668	Secondary Current, 1			
		SEE C	HART	J12-	J12	322475	Assem., Harness, Se	conc	dary Current, Rogowski	Coil
		1	1			346004	Lug, Screw, Chassis			
		1		PCB	2	410319	Assem., PCB, Termir			
		1	1	TLS		300020	Switch, Temperature	Limi	t, (N.C.)	
		1	1			550075	Hoffman, Padlocking	Han	dle	
		1	1	1		510300	Cabinet, Control, Sty			
		1	1			510298	Door, Cabinet, Contro		-	
		1	1			510301	Rear Panel, Cabinet,	Con	trol, Style "C"	
		L				1	l			

309069-007 Thru Door Operator, Circuit Breaker

Manual, EN1000/EN1001

421499 Wiring Diagram, EN1001-Series, "C" Cabinet

421183 Logic Diagram, EN1000 Control

@ Optional Keylock when specified by customer. See Note 8. Pack Key in Poly

Circuit Breaker, Pole, Amp, V (see Note 9)

IN P/L: CHG'D TS1 P/N 335067 WAS 335034; CHG'D

MANUFACTURING INSTRUCTIONS: See Drawing 600747 for Enclosure Assembly Instructions See Drawing 600749 for Layout/Assembly Instructions

700120

Bag 900148 & attach to Door w/Yellow Tape 900118.

# Supplied when optional Shunt Trip (ST), 120V is specified.

\* Substitution or addition of parts when 575V control is specified

For Optional Water Flow Switch, see Manual 700149 and A/N 600632.

1 1

1 1

1 1

 $\triangle$  Optional, see Note 9.

 $(\mathbf{A}) \quad \Delta \quad \Delta$ 

3		2			1			-
				42149	99		A	
460103D	N	EXT AS	SM/USED ON	DRAWING	NUMBER		REV	
FAX# (864) 416-0195	"C	" C	ABINET					
GREER, SC 29650	W	IRIN	G DIAGRAN	<b>I, EN100</b> <sup>.</sup>	1,			
601 HIGH TECH COURT		RACTIC		DATE	6/12/12	2 DCS	6	[
ENTRON CONTROLS LLC. DIRECTLY: (864) 416-0190		ECIMA		A	7.1110			A
		<u>-RANC</u> NGLES	<u>E UNLESS SPECIFI</u> : <u>+</u> 1/2 <b>°</b>	<u>ED</u> BEVITR	REVISED		Y	
Contact Your Machine								
THIS CONTROL	SCAL		ATE DRAWN B	Y CHK'D	BY APP	ROVE	DBI	
	004							
FOR SERVICE ON			ENT					-
NOTICE							460064	
	1∟ V	AUTT					DATE	
	RE\/	AUTH		CRIPTION		DRWN BY	CHKD BY	
	—	—	ORIGIN	AL RELEASE				
		6/12/12	P/N 340109-003. UPDA SCR. RMV'D OBS SE(	TED VIEW D. ADDE	D EXTERNAL	6/12/12		E
	Α		DOOR OPERATOR P/N	309069-007 WAS 3	09069: ADDEU	DCS		