

ENTRON™

EN2000 Series Controls Dual Schedule/Dual Sequence S2H Controls

Date: April 2006 Supercedes: March 2001

SPECIFICATIONS

Absolute Count: Push Button Data Entry with Simultaneous Digital Display

Squeeze Count:	0 to 99 cyc, 50/60 Hz
Weld Count:	0 to 99 cyc, 50/60 Hz
Hold Count:	0 to 99 cyc, 50/60 Hz
Off Count:	0 to 99 cyc, 50/60 Hz

Digital Phase Shift Current Control, 10 to 99% in 1% current steps,
all weld current functions

Dual Weld Count/Dual Percent Current Adjust –
Front Panel and External Select

Non-Repeat: Single Schedule upon initiation

Repeat: Single Schedule repeated with pilot circuit held closed

Additional Features

87° First Half Cycle Delayed Firing, Anti-Saturation Circuit

Dynamic Automatic Power Factor Equalization

Dynamic Automatic Voltage Compensation, $\pm 20\%$ of Nominal Line

Emergency Stop Circuit

Interlocking Pressure Switch Circuit

Single Stage Pilot/2 Stage Pilot

Indicator Lights for all functions on display panel

Valve Transformer: 150VA 230/460-115V, E, D & T Cabinets
50VA 230/460-115V, S Cabinets

One Valve output standard, all controls



E Cabinet

Exclusive ENTRON two year warranty

EN2000 Series Controls

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D Cabinet



S Cabinet



T Cabinet



The EN2000 Series Control is ideal for programming schedules for most welding applications for ferrous and some non-ferrous metals, multiple thickness of materials and special part configurations.

- Store Two Schedules
Every parameter of each schedule individually accessible
Each schedule can store 5 distinct and totally different parameters
All schedules retained in memory with power off
- Single contactor circuit
Single valve circuit
Contactor failed detection
- Control can be INTERFACED with external Programmable Logic Control (PLC)

CABINET STYLE & DIMENSIONS				CONTACTOR STYLE & RATINGS			
STYLE	H	W	D	AIR COOLED	WATER COOLED		
FP	279 mm 11"	279 mm 11"		Please Contact Factory			
S	222 mm 8-3/4"	222 mm 8-3/4"	419 mm 16-1/2"	150A/ 300A	1200A		
E	533 mm 21"	222 mm 8-3/4"	419 mm 16-1/2"	300A	1200A	1800A	2200A
D or T	610 mm 24"	645 mm 25-3/8"	254 mm 10"	300A	1200A	1800A	2200A

All SCR contactors complete with temperature limit switch, except 150 ampere contactors.

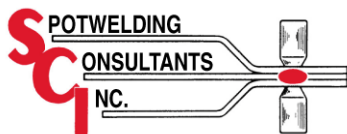
Circuit Breakers available in D and T cabinets only. Consult factory for Circuit Breaker pricing. 100, 200 and 400 ampere

Circuit Breakers are available in D and T cabinets with right hand, flange mounted operator installed within the cabinet.

Consult factory for availability of 600 ampere Circuit Breakers.

See COMPREHENSIVE PRICE LIST for a complete list of Options, Circuit Breakers, Accessories and Special Features.

Contact your ENTRON Controls
Representative or Your Local Resistance
Welding Equipment Source



Contact SCI for additional information and pricing.

(888) 255-6780 toll free order line
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