

# SPECIFICATION SHEET

CONTACTOR ECONOMIZING MODULE

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**DIVERSIFIED ELECTRONICS**  
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**CUSTOMER**

GENERAL ELECTRIC MEBANE, NC

**ISSUED**

10-17-00

**CUSTOMER PART NO.**

**DEI PART NO.**

SP-0331A

**INPUT VOLTAGE:** 120 VAC, Nominal, 50/60 Hz  
 60 VAC min., 132 VAC max.

**OUTPUT VOLTAGE**  
 Initial: 100-110 VDC for 1 Sec.(Unfiltered), @ 120 VAC  
 Continuous: 10-15 VDC after 1 Sec.(Unfiltered), @ 120 VAC

**OUTPUT CURRENT**  
 Initial: 20 Amps for 1 Second  
 Continuous: 3 Amps

**TIME DELAY:** 1 Second  $\pm$  5%(during which full voltage is applied to the contactor coil.)

**TEMPERATURES**  
 Operate: 0°C to +55°C  
 Storage: -45°C to +85°C

**ENCLOSURE:** Encapsulated surface mount

**DIMENSIONS:** 4.5" X 3.0" X 1.2"

**TERMINATION:** (4) #8-32 Screw Terminals

REV.	DATE	E.C.O.	APP.
-	7-22-02	02-42	R.C.

**OPERATION:** Upon application of the input voltage to the unit, a 1 second delay begins, during which a nominal 100-110 VDC is produced on the output. After the 1 second delay, the triggering of the internal SCRs is delayed to produce a nominal 10-15 VDC output.

