

**115/230 V ac Output  
IC610MDL175**

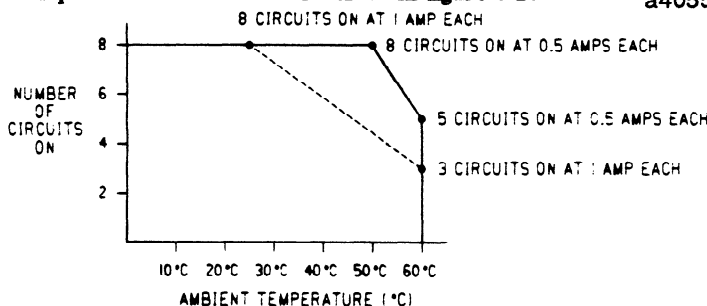
This module provides 8 circuits each capable of controlling user supplied discrete (ON/OFF) loads. Typical loads include relay coils, motor starters (up to No. 3), solenoid valves and indicator lights. The 8 circuits are divided into 2 groups of 4 circuits each. Each group can be supplied from a separate power source. Power to operate the field devices must also be supplied by the user. Figure 6-17 provides wiring information for this module. Following are specifications for each of the 8 circuits:

**CAUTION**

**If this module is wired incorrectly or the listed specifications are exceeded, any damage incurred by the module or user devices connected to the module may not be covered by warranty.**

<b>Output Points</b>	8
<b>Operating Voltage</b>	97-265 V ac
<b>AC Frequency</b>	47-63 Hz
<b>Maximum Current*</b>	1 amp
<b>Maximum Leakage Current</b>	1.2 mA @ 220V, 60 Hz 0.5 mA @ 110V, 60 Hz
<b>ON Voltage Drop</b>	0.9V @ 1 amp 0.8V @ 0.5 amp
<b>Smallest Recommended Load</b>	25 mA
<b>Maximum Inrush</b>	10 amps for 16 ms 5 amps for 100 ms
<b>OFF to ON Response</b>	1 ms
<b>ON to OFF Response</b>	8-10 ms (1/2 cycle)
<b>Circuit Indicator</b>	Logic Side
<b>Fuses (Internal, Soldered)</b>	(2) 5 amp fast blow (one on each group of 4)
<b>Internal Power Consumption</b>	20 mA for each ON Circuit @ 9 V dc
<b>Units of Load</b>	16 @ 9 V dc
<b>Weight</b>	6.4 oz (180 g)

\*Maximum load current is dependent upon ambient temperature as shown on the chart in figure 6-16.

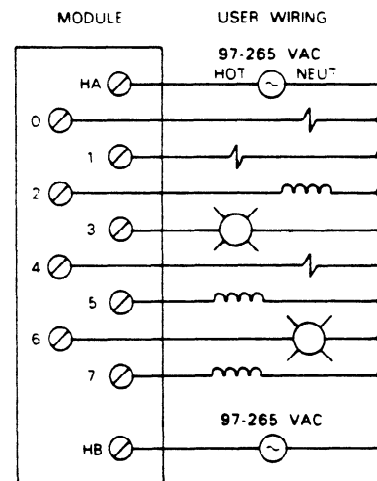


**Figure 6-16. I/O Points vs Temperature**

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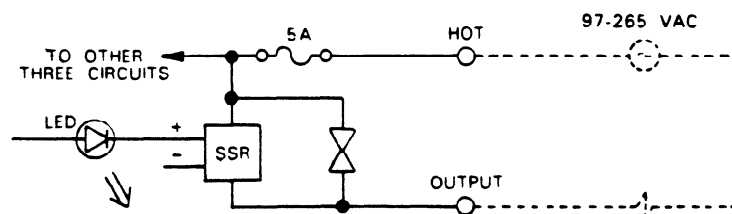
TYPICAL REFERENCES

- 050
- 051
- 052
- 053
- 054
- 055
- 056
- 057



WIRING DIAGRAM

a40555



**Figure 6-17. Wiring for 115/230 V ac Outputs**