

**115/230 VAC Output, 2 Amp - 16 Circuits
IC655MDL575**

This module provides 16 circuits for controlling user output loads. The output switching capacity of this module is two amps. 16 LEDs on the front of the module provide a dual function. They provide a visual indication of the status of each output circuit, with each LED reflecting the ON or OFF state of the corresponding circuit. When commanded through programming, they indicate the starting I/O address for the module. Connections to each circuit are made to the removable terminal block on the front of the module. The output circuits are divided into two groups. On the terminal block, they are labeled A and B, with the terminals in each group labeled 1 to 8. Each group of eight has a single Hot connection, labeled H. The user must supply an source of power for the loads connected to the module's output circuits. Each group must be powered from a separate source. Specifications for this module are listed below.

Table 21. Specifications for 115/230 VAC Output, 2 Amp - 16 Circuits

Output Circuit Type	Triac
Number of Circuits	16
Internal Circuit Grouping	Two groups, eight circuits per group. (One hot connection for each group)
Operating Voltage	15 to 265 VAC, 48 to 63 Hz
Peak Voltage	265 VAC
Maximum Operating Current	2.0 amps
Maximum Leakage Current	5 amps/common; 10 amps/module
ON Voltage Drop	4.0 mA at 265 VAC, 60 Hz
Smallest Recommended Load	1.5 VAC at 2 amps
Maximum Inrush current	10.0 mA at 15 VAC
OFF to ON Response	30 amps for 10 ms; 10 amps for 100 ms
ON to OFF Response	< 1 ms at 60 Hz
Status Indicator Location	< 10 ms at 60 Hz
Fuses Rating and Type, Internal	Logic side
Internal Power Consumption, (5 VDC)	8 amps (1 for each group of eight circuits), fast blow
	Total; 560 mA (typ), 650 mA (max)
	Per On Point; 35 mA
Weight	58 oz (900 g)

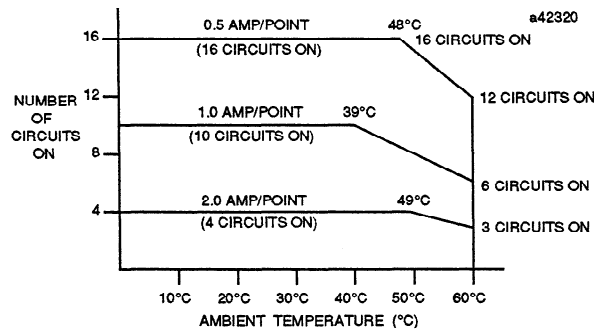


Figure 35. Output Points vs. Temperature for IC655MDL575

Wiring Information - IC655MDL575

The following figure provides the information required for connecting user supplied loads and power source to this module.

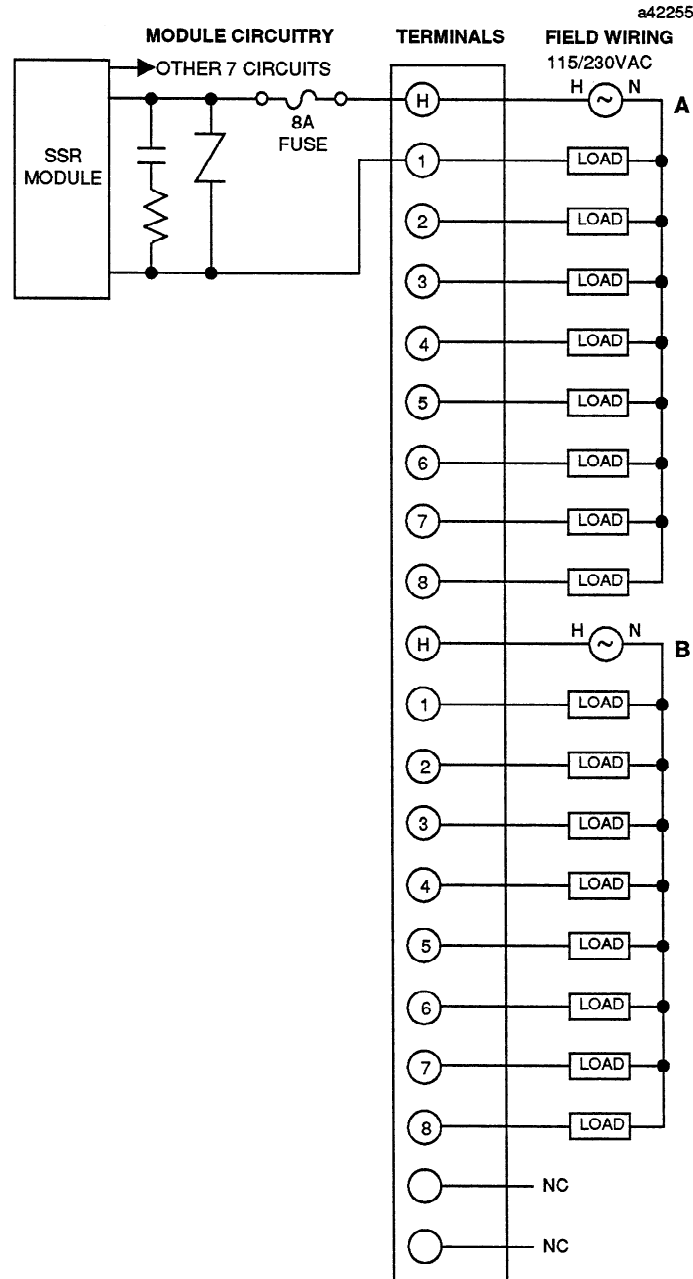


Figure 36. Field Wiring and Typical Circuit for IC655MDL575