

ISOLATED AC OUTPUT  
IC630MDL376A

This module provides eight circuits each capable of controlling user supplied discrete (ON/OFF) loads. Typical loads include relay coils, motor starters, solenoid valves, and indicator lights. Each of these circuits is "isolated" from the other circuits on this module relative to AC power source; the term "isolation" is not relative to optical-coupler noise/fault isolation which all I/O modules have. Each input is provided with two field terminals allowing separate AC power sources (i.e. different phases) for each of the eight outputs. These power sources must be supplied by the user. User supplied power sources to each circuit can be 97 to 265 Vac, with a maximum current of 2 amps for each circuit. Each output switching circuit is protected by a 3 amp fuse. Specifications for this module are listed below.

Output points	8 with LED Indicators
User Supplied Voltage	97 - 265 VAc
ON delay	< 0.1 ms
OFF delay	< 1/2 cycle
Output Current (ON)	
Minimum	25 mA
Maximum	2 A
Leakage (OFF)	2.7 mA (115V, 50 Hz) 3.3 mA (115V, 60 Hz) 5.5 mA (230V, 50 Hz) 6.6 mA (230V, 60 Hz)
Inrush Current	20A for 1 cycle
Fuse Rating	3A (each circuit)
Internal Power Consumption	5 Vdc, 20 mA 12 Vdc, 17.5 mA/point

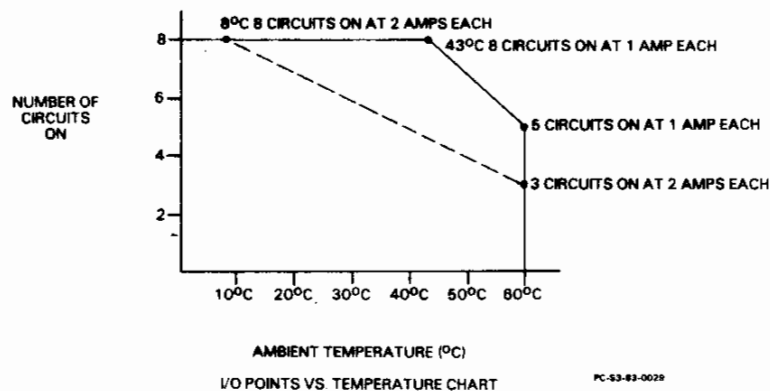


Figure 6.4 provides user wiring information for the 115/230 Vac Isolated Output module.

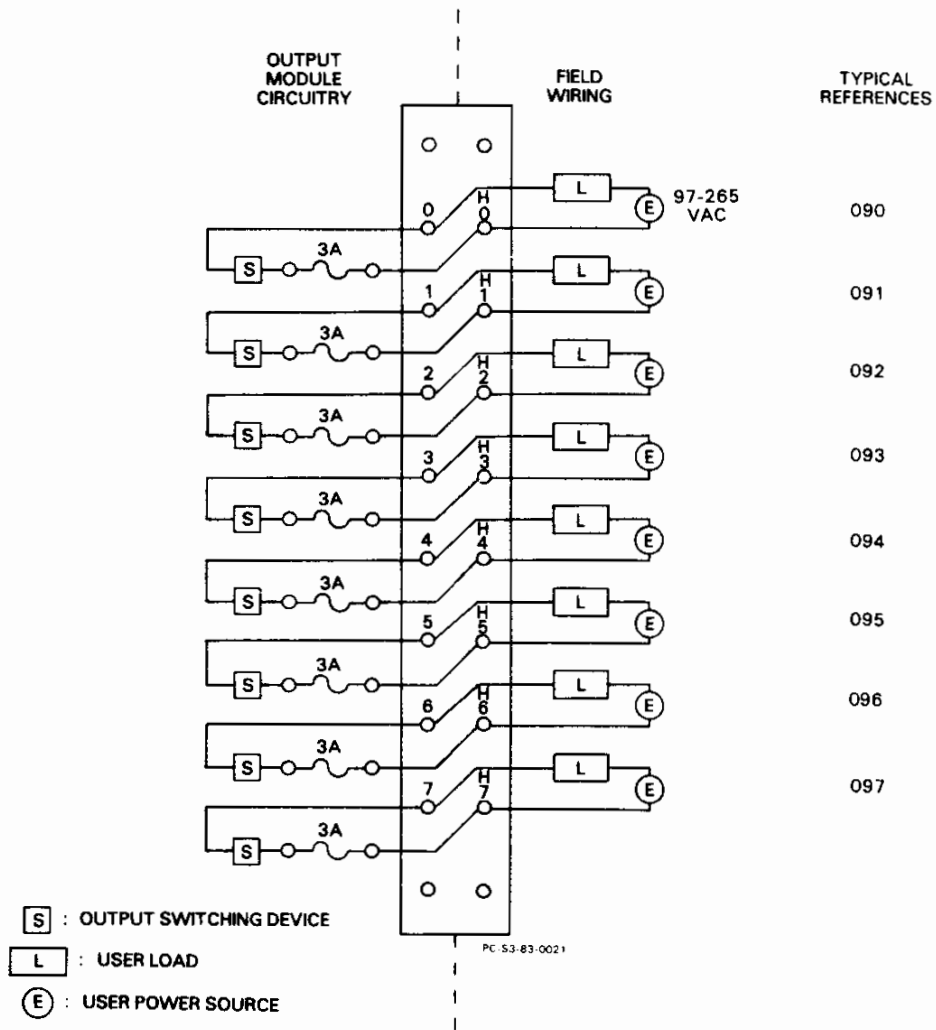


Figure 6.4  
115/230 VAC ISOLATED OUTPUT, TYPICAL USER CONNECTIONS