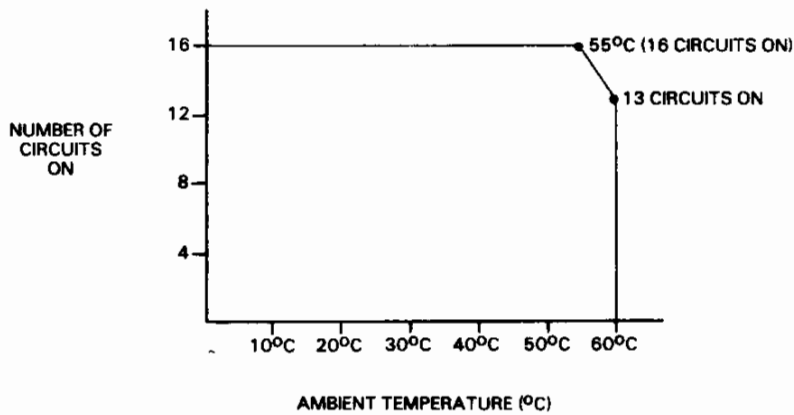


24 VDC INPUT (16 CIRCUITS)  
IC630MDL301A

This 24 Vdc Input module provides 16 circuits, each designed to receive a single discrete (ON/OFF) signal from user supplied devices. Typical input devices include pushbuttons, limit switches, and relay contacts. A 24 Vdc external power source must be supplied by the user for sensing the state of the inputs. All 16 inputs are powered from a single source. User devices are connected to the input circuits by connecting the field wiring to a connector mounted on the faceplate of the module. Recommended wire size for connection to the module is stranded No. 12 AWG wire. Two wires per terminal are possible with No. 14 AWG wire. The ON state of each circuit is indicated by a corresponding LED. Specifications for each of the 16 circuits are as follows.

Input Points	16 with LED Indicators
User power supply	Voltage 24 Vdc, +10% Ripple <3% rms Current 270 mA max. (16 Inputs On) 135 mA typ. ( 8 Inputs On)
ON state	<6.0 Vdc, >8.0 mA
OFF state	>18.0 Vdc, <4.0 mA
ON delay	3 - 12 ms
OFF delay	3 - 12 ms
Internal Power Consumption 5 Vdc, 30 mA + 5 mA/point	



I/O POINTS VS. TEMPERATURE CHART

PC-S3-83-0023

Figure 6.7 provides wiring information for this 24 Vdc Input module.

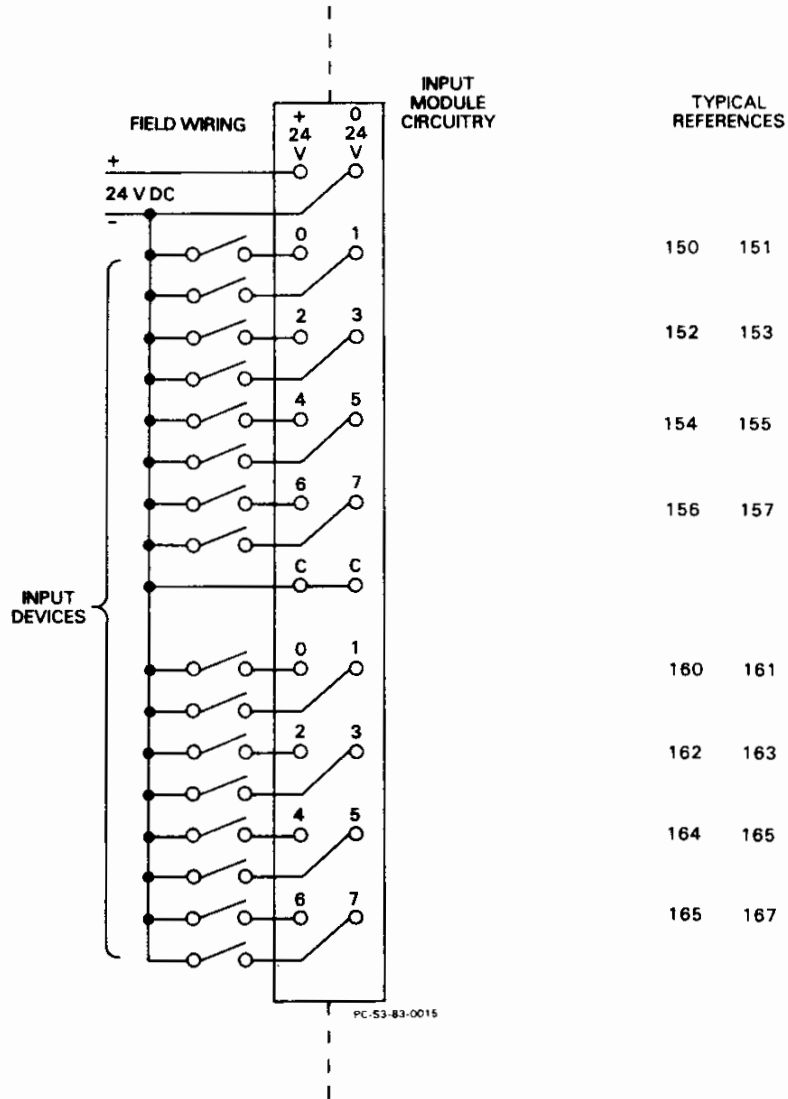


Figure 6.7  
24 VDC INPUT, USER CONNECTIONS