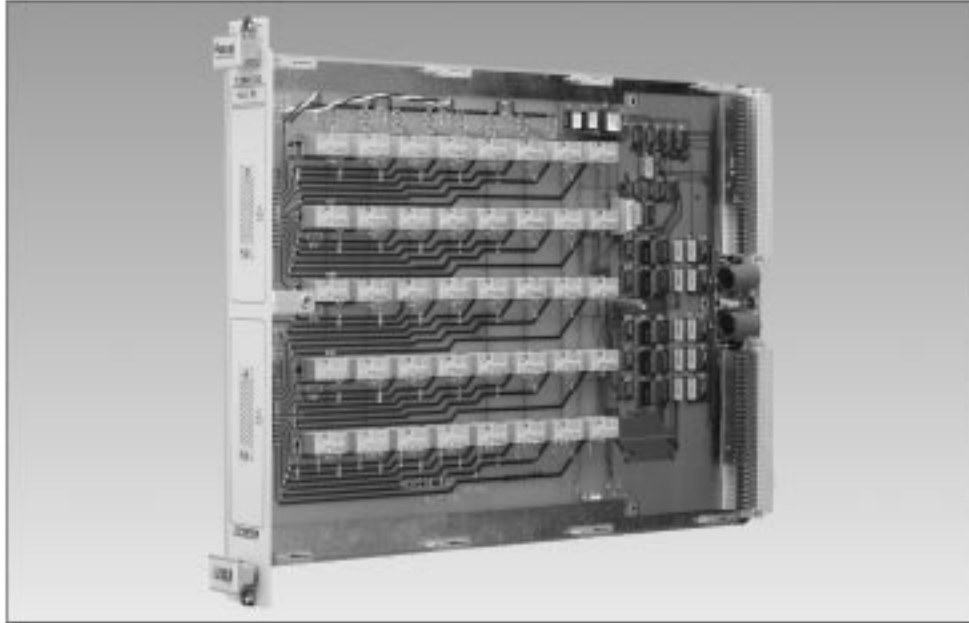




Multiplexer Module Model 1260-30



■ 1260-30 Configurable as Any of the Following Two-wire Networks:

- One 1x40 multiplexer
- Two 1x20 multiplexers
- Four 1x10 multiplexers
- Eight 1x5 multiplexers

■ 10MHz Bandwidth

The 1260-30 is a high power scanner/multiplexer configurable as eight 1x5, four 1x10, two 1x20 or one 1x40 two-wire multiplexer networks. The 1260-30 is ideal for switch applications where multiple channels have to be scanned or multiplexed on to a common bus. As is the case in scanning UUT test points with a DMM or in continuity testing.

Relay coil current monitoring is available to provide confidence checking which gives the user assurance of proper relay operation.

Mounting holes associated with each channel permit installation of user supplied components.

■ Switches up to 2A and 250V

■ High Power Multiplexer

■ Provides Circuit Pads for User Supplied Terminators

The 1260-30 is controlled by the Option 01 message-based interface which is explained in detail on the Smart Card Module page. All 1260 control features explained on that page are available to this module.

1260-30 Specifications

Maximum Switchable Voltage

(Terminal-Terminal or Terminal-Chassis)

220VDC or 250 VACrms

Maximum Switchable Current

Per Channel: 2ADC or 2Arms

Maximum Switchable Power

Per Channel: 60WDC, 62.5VA

DC PERFORMANCE

Path Resistance

150 mΩ

Isolation

>10⁹Ω

AC PERFORMANCE (into 50Ω)

Capacitance

Open Channel: <40pF

Channel-Chassis: <60pF

High-Low: <280pF

Bandwidth (-3dB)

10MHz

Insertion Loss

100kHz: < 0.1dB

1MHz: < 0.1dB

10MHz: < 1.3dB

Crosstalk

100kHz: <-55dB

1MHz: <-45 dB

10MHz: <-30dB

VXIbus INTERFACE DATA

Cooling Requirements

Airflow: 1.0 liters/sec

Backpressure: 0.05mm H₂O

With Option 01S/T

Airflow: 2.0 liters/sec

Backpressure: 0.2mm H₂O

Power Requirements

+5V: 0.4A (2.8A with Option 01 installed)

+24V: 10mA per relay (energized)

Dimensions

C-size, Single-slot VXIbus Module

Weight

2.59 lb. (1.17 kg) without Option 01

2.87 lb. (1.29 kg) with Option 01

Typical Programming Syntax

Programming Syntax is in the form:

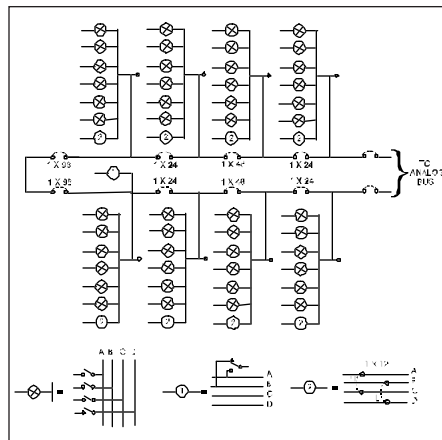
"<module address >.<group number>
<channel>"

Example: CLOSE 3.309

This CLOSE statement will close relay number 9 in group number 3 on the 1260-30 at card address 3.

Note: Module is supplied with one set of mating connectors. Additional connectors can be ordered using the part number shown below.

CE The CE Mark indicates that the product has completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and complies with European electrical safety standards.



Model 1260-30

40 two-wire channels configured as eight 1x5 multiplexers

ORDERING INFORMATION

Model	Description	Part Number
1260-30A	2-Wire, 1x40 Multiplexer	404767-001
1260-30B	2-Wire, Dual 1x20 Multiplexer	404767-002
1260-30C	2-Wire, Quad 1x10 Multiplexer	404767-003
1260-30D	2-Wire, Eight 1x5 Multiplexer	404767-004
Option 01*	Smart Card Module (installed)	OPT-401901-005
601855-050	50-Pin Connector Body Part (2 supplied)	601855-050
601857	50-Pin Connector Solder Type Pins (100 supplied)	601857
9099	Insertion Tool	9099
9081	Extraction Tool	9081

*One Option 01 must be ordered with switch system. Please specify the card on which Option 01 will be installed.



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