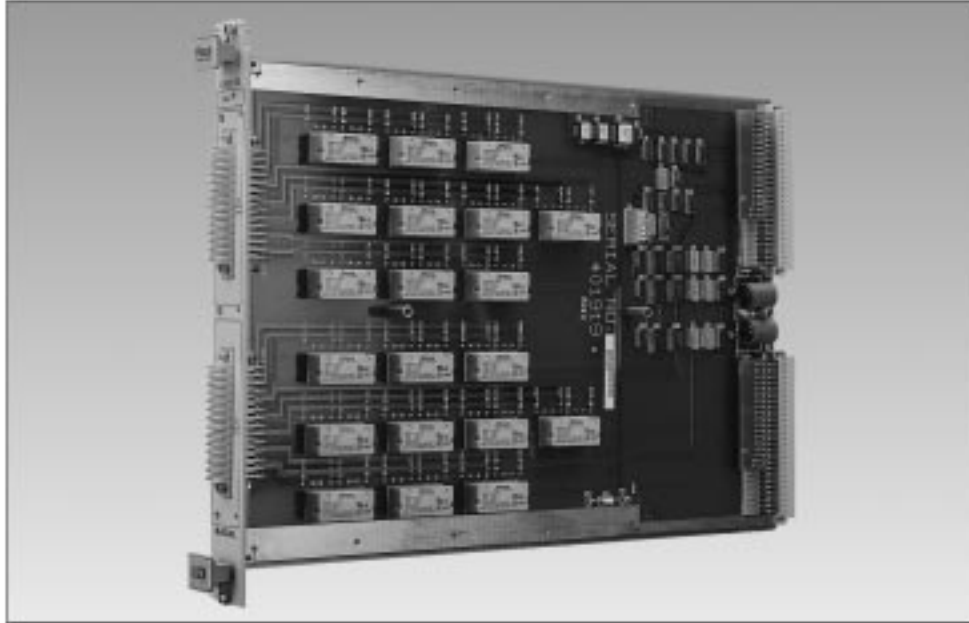




# SWITCHING

## Power Switch Module Model 1260-20B



- Provides High Power Switching for AC or DC Power Supplies
- Switches up to 8 Amps at 250 VACrms or 5 Amps at 48 VDC
- Power Switch Networks or SPDT Relays May Be Configured from 20 Independent Form A/Form B Relays
- Carry Current up to 10 Amps
- Configured as 20 Form A/Form B Relays

Model 1260-20B is designed for high-current switching of line power, AC/DC power supplies and AC or DC current sources. Power switch networks may be configured from twenty independent Form A/Form B switches. Up to 8A at 250Vrms or 5ADC at 48VDC may be switched through each two-wire channel.

The 1260-20B channels consist of two contacts, one which is normally open, and the other is normally closed. This configuration is also referred to as Form A/Form B. Separate connections to both

sides of the relay contacts permit each channel to function independently or to be configured as SPDT relays or for the design of custom networks.

Each channel features mounting holes for installation of series and shunt elements to serve as arc suppressors, filters, etc.

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

The 1260-20B 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.

# 1260-20B Specifications

## Maximum Switchable Voltage

(Terminal-Terminal or Terminal-Chassis)

250 VDC or ACrms , 380VAC peak

## Maximum Switchable Current

(DC or ACrms)

Per Channel: 8A

Per Module: 160A

## Maximum Switchable Power

Per Terminal: 150WDC, 2000VA

## DC PERFORMANCE

### Path Resistance

150 mΩ maximum at 5ADC

50Ω typical

### Isolation

>10<sup>9</sup>Ω

## AC PERFORMANCE (into 50Ω)

### Capacitance

Open Channel: <20pF

Channel-Chassis: <20pF

High-Low: <50pF

### Bandwidth (-3dB)

30MHz

### Insertion Loss

100kHz: < 0.1dB

1MHz: < 0.1dB

10MHz: < 1.5dB

## Crosstalk

100kHz: < -60dB

1MHz: < -40dB

10MHz: < -20dB

## VXibus INTERFACE DATA

### Cooling Requirements

Airflow: 1.0 liters/sec

Backpressure: 0.05mm H<sub>2</sub>O

With Option 01S/T

Airflow: 2.0 liters/sec

Backpressure: 0.2mm H<sub>2</sub>O

### Power Requirements (I<sub>pm</sub>)

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

installed)

+24V: 10mA per relay (energized)

### Weight

2.56 lb (1.15 kg) without Option 01

2.84 lb (1.28 kg) with Option 01

### Dimensions

C-size, Single-slot VXibus Module

### Typical Programming Syntax

Programming syntax is in the form:

"<module address>.<channel

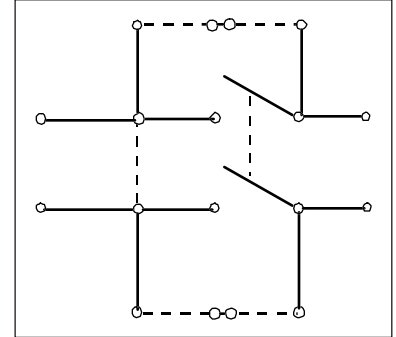
number>"

Example: CLOSE 3.04

This CLOSE statement will close channel number 4 on the 1260-20 at the 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 1260-20B

Twenty independent relays. One channel is shown, with provision for addition of series and shunt elements.

ORDERING INFORMATION		
Model	Description	Part Number
1260-20B	20 Channel, Form A/Form B	404773-20S-7952
Option 01 *	Smart Card Module (installed)	OPT-401901-005
601850	41-Pin Connector Body Part (2 supplied)	601850
601849	41-Pin User Connector Solder Type Pins (82 supplied)	601849
9099	Insertion Tool	9099
9081	Extraction Tool	9081
602089-001	Crimp Type Pins	602089-001

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



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