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Signal Switch/Relay Actuator Model 1260-13



- **Ideal for General Purpose Switching and Control of External Devices**
- **Each Channel Switches up to 2A and 220VDC or 250VACrms**
- **Channels Switch Jointly or Independently**
- **Easily Configured to Meet User-defined Network Requirements**
- **Configured as 40 Channels Independent DPST Switches**

The 1260-13 is designed for general purpose signal switching and control of external devices. The module provides forty channels of DPST switches. It features separate connections to both sides of the relay contact permitting each channel to be joined with others or to function independently. Custom relay switch networks may be configured with some relays while all remaining channels continue independent operation.

The 1260-13 can switch up to 2 amps and 220VDC or 250VACrms per channel. Each channel features mounting holes to allow the addition of series and shunt elements such as arc suppressors, fuses, filters, etc.

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

The 1260-13 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 the Option 01 page are available to this module.

For your local Racal Instruments Sales Office see page 173.

1260-13 Specifications

Maximum Switchable Voltage
(Terminal-Terminal or Terminal-Chassis)
220VDC or 250VACrms
Maximum Switchable Current
(DC or AC rms)
Per Channel: 2A
Maximum Switchable Power
Per Channel: 60WDC, 62.5VA

DC PERFORMANCE

Path Resistance
300mΩ at 2A
Isolation
$>10^9\Omega$

AC PERFORMANCE (into 50Ω)

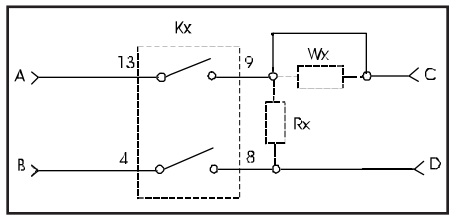
Capacitance
Open Channel: <50pF
Channel-Chassis: <50pF
High-Low: <80 pF
Bandwidth (-3dB)
50MHz typical
Insertion Loss
100kHz: <0.2dB
1MHz: <0.3dB
10MHz: <0.5dB
Crosstalk
100kHz: <-70dB
1MHz: <-50dB
10MHz: <-25dB

VXIbus INTERFACE DATA

Cooling Requirements
Airflow: 1.0 liters/sec
Backpressure: 0.05mm H_20
With Option 01S/T
Airflow: 2.0 liters/sec
Backpressure: 0.2mm H_20
Power Requirements (I_{pm})
+5V: 0.4A (2.8A with Opt. 01 installed)
+24V: 10 mA per relay (energized)
Dimensions
C-size, Single-slot VXIbus Module
Weight
2.77 lb (1.25 kg) without Option 01
3.05 lb (1.39 kg) with Option 01
Typical Programming Syntax
Programming syntax is in the form:
"<module address>.<channel>"
Example: CLOSE 3.03
This CLOSE statement will close channel number 3 on the 1260-13 module at card address 3.

Note: Module is supplied with one set of mating connectors. Additional connectors can be ordered using the part numbers 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 1260-13
Forty independent relay channels. One channel is shown.

ORDERING INFORMATION		
Model	**Description**	**Part Number**
1260-13	40 Channel, DPST	404941
Option 01*	Smart Card Module (installed)	OPT-401901-005
601855-050	50-Pin User Connector Body Part (4 supplied)	601855-050
601857	User Connector Solder Type Pins (200 supplied)	601857
9099-1	Insertion Tool	9099-1
9081-1	Extraction Tool	9081-1
*One Option 01 must be ordered with switch system. Please specify the card on which Option 01 will be installed.		

WORLDWIDE SUPPORT
http://www.racalinst.com

LLOYD'S REGISTER QUALITY ASSURANCE ISO9001

VXI plug&play

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