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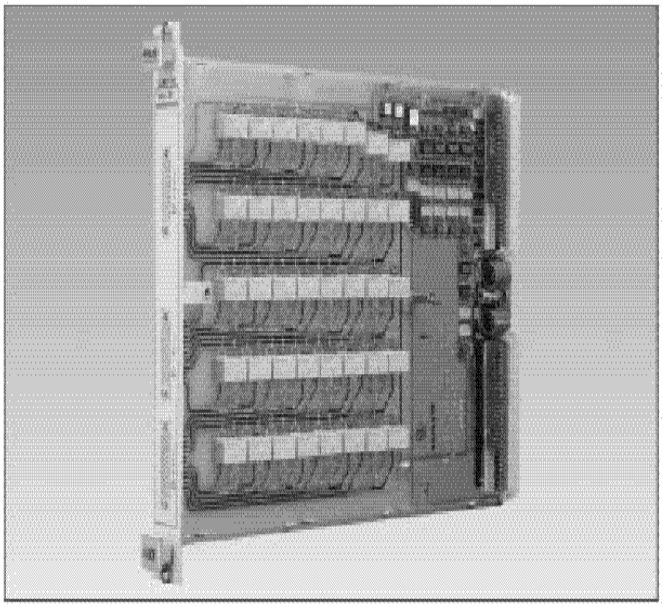
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Find the *Astronics / EADS / Racal 1260-16* at our website: ***Click HERE***

Racal Instruments
http://www.racalinstruments.com

PRODUCT INFORMATION

Relay Actuator Module Model 1260-16



- **Ideal for General-purpose Switching and Control of External Devices**
- **Each Channel Switches up to 5A and 30 VDC or 250 VACrms**
- **Individual Relays can be Easily Configured to Meet User-defined Network Requirements**
- **High Density, Configured as 40 Channels of Independent SPDT Switches**

The Model 1260-16 is designed for general purpose signal switching and control of external devices. The module provides 40 channels of SPDT switches. Custom relay switch networks may be configured with some relays while all remaining channels continue independent operation.

The actuator module permits switching up to 5 amps at 30 VDC or 250 VACrms per channel. Higher DC voltage may be switched at lower currents.

The Model 1260-16 module has provision for adding a fuse or components for surge suppression.

Relay coils are monitored to provide user selectable confidence checking, which gives the user additional assurance of proper relay operation.

The 1260-16 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.

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1260-16 SPECIFICATIONS

Maximum Switchable Voltage
(Terminal-Terminal or Terminal-Chassis)
110VDC or 250VACrms
Maximum Switchable Current
Per Channel: 5ADC or ACrms
Maximum Switchable Power
Per Channel: 150W DC, 1250VA

DC PERFORMANCE

Path Resistance
<200mΩ
Isolation
$>10^9\ \Omega$

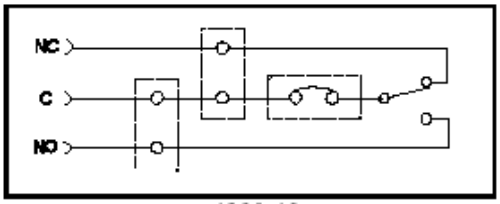
AC PERFORMANCE (into 50Ω)

Capacitance
Open Channel: <100pF
Bandwidth (-3dB)
30MHz (typical)
Insertion Loss
100kHz: <0.25dB
1MHz: <0.5dB
10MHz: <1dB
Crosstalk
100kHz: <-40dB
1MHz: <-35dB
10MHz: <-15dB
Isolation
100KHz: >30dB
1MHz: >20dB
10MHz: >15dB

VXIbus INTERFACE DATA

Cooling Requirements
Airflow: 4.0 liters/sec
Back pressure: 0.5mm H_20
Power Requirements
+5V: 0.4A(2.8A with Option 01 installed)
+24V: 10mA per relay (energized)
Weight
2.77 lb. (1.25 kg) without Option 01
3.05 lb. (1.37 kg) with Option 01
Dimensions
C-size, Single-slot VXIbus Module
Typical Programming Syntax
Programming Syntax is in the form: "<Module Address> . <Channel>"
Example: CLOSE 2.21
This CLOSE statement will close relay number 21 on the 1260-16 at card address 2.

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



1260-16

ORDERING INFORMATION		
Model	**Description**	**Part Number**
1260-16	40 Channel SPDT at 5Amps	407348
Option 01*	Smart Card Module (installed)	OPT-401901-005
601855-050	50-Pin User Connector Body Part (3 supplied)	601855-050
601857	50-Pin Connector Solder Type Pins (150 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		

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

The Racal policy is one of continuous development; consequently, the equipment may vary in detail from the description and specification in this publication.

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