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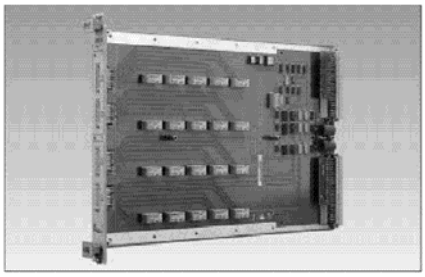
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Find the *Astronics / EADS / Racal 1260-12* at our website: ***Click HERE***

RACAL INSTRUMENTS™ 1260-12



Relay Actuator Module

- **Ideal for General Purpose Switching and Control of External Devices**
- **Each Channel Switches up to 2A and 220 VDC or 250 VACrms**
- **20 Channels of DPDT Relays**
- **Easily Configured to Meet User-defined Network Requirements**
- **Channels Switched Jointly or Independently**

The 1260-12 is designed for general purpose signal switching and control of external devices. The module provides twenty channels of DPDT switches. The module 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.

Each channel of the 1260-12 may switch up to 220VDC or 250VACrms at 2Amps

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

The 1260-12 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

EADS NORTH AMERICA DEFENSE

1260-12 PRODUCT SPECIFICATIONS

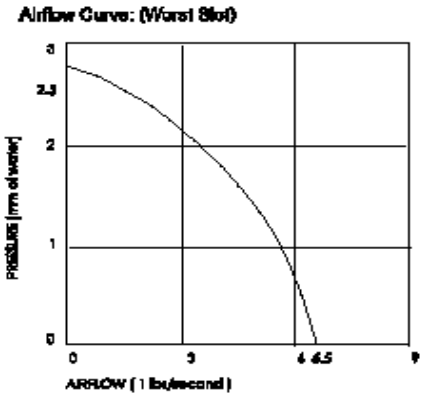
Maximum Switchable Voltage
(Terminal-Terminal or Terminal-Chassis)
220VDC or 250VACrms
Maximum Switchable Current
(DC or ACrms)
Per Channel: 2A
Maximum Switchable Power
Per Channel: 60WDC, 62.5VAC

DC PERFORMANCE
Path Resistance
200mΩ at 2A
Isolation
109

AC PERFORMANCE (into 50Ω)
Capacitance
Open Channel: <25pF
Channel-Chassis: <25pF
High-Low: <50pF
Bandwidth (-3dB)
35MHz typical
Insertion Loss
100kHz: <0.2dB
1MHz: <0.25dB
10MHz: <0.5dB
Crosstalk
100kHz: <-75dB
1MHz: <-60dB
10MHz: <-40dB

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 w/Opt. 01 installed)
+24V: 10 mA per relay (energized)
Dimensions
C-size, Single-slot VXIbus Module
Weight
2.59 lb (1.17 kg) without Option 01
2.87 lb (1.30 kg) with Option 01
Typical Programming Syntax
Programming syntax is in the form:
"<module address>.<channel>"
Example: CLOSE 3.02
This CLOSE statement will close channel number 2 on the 1260-12 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.



1261E Cooling Curve

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.

ORDERING INFORMATION

MODEL/DESCRIPTION	PART NUMBER
Racal Instruments 1260-12, 20 Channel, DPDT	404774
Racal Instruments Option 01* Smart Card Module (installed)	OPT-401901-005
34-Pin User Connector Body Part (4 supplied),	601855-034
User Connector Solder Type Pins (136 Supplied),	601857
Insertion Tool	9099-1
Extraction Tool	9099-1

The EADS North America Defense Test and Services policy is one of continuous development, consequently the equipment may vary in detail from the description and specification in this publication.

EADS North America Defense Test and Services
1.800.722.2528/1.949.859.8999 sales@eads-nadefense.com

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