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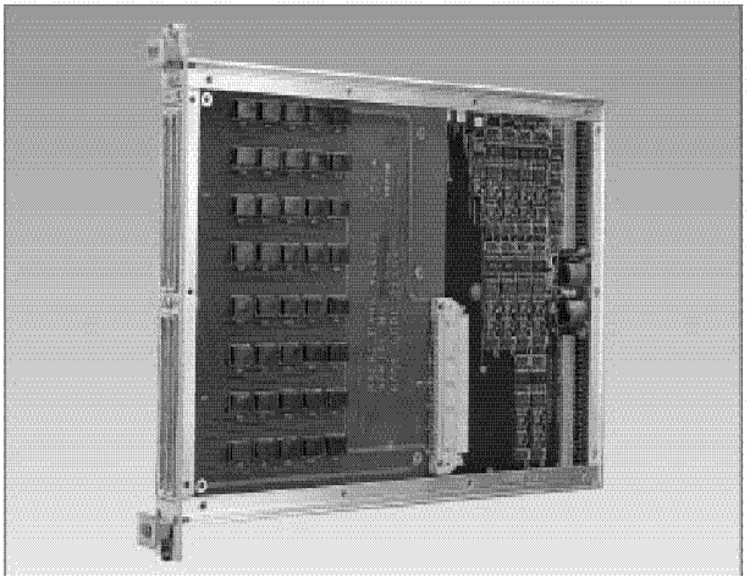
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Find the *Astronics / EADS / Racal 1260-17* at our website: ***Click HERE***

Racal Instruments
http://www.racalinstruments.com

PRODUCT INFORMATION

High-density Switch Module Model 1260-17



- **Ideal for General-purpose Switching up to 60MHz**
- **Switches Signals up to 1A and 250 VDC or VACrms**
- **Easily Configured to Meet User-defined Network Requirements**
- **Extremely High-density Module – 80 SPDT Switches**

The Model 1260-17 is an 80-channel, Form C (SPDT) switch module. This module is designed for general purpose switching and external device actuation. Each channel may be configured individually, or several channels may be linked to configure custom networks. The Model 1260-17 permits switching up to 1 amp and 250VDC or VACrms per channel.

The large number of channels on this module allow a significant portion of any switching configuration to be realized in a single slot, thus saving valuable space.

Relay contacts are monitored to provide user selectable confidence checking. This gives the user the additional assurance of proper relay operation.

The 1260-17 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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1260-17 SPECIFICATIONS

Maximum Switchable Voltage
(Terminal-Terminal or Terminal-Chassis)
250VDC or VACrms
Maximum Switchable Current
Per Channel: 1A DC or ACrms
Maximum Switchable Power
Per Channel: 30WDC, 62.5VA

DC PERFORMANCE

Path Resistance
<0.5Ω
Isolation
>2 x 10^9 Ω
Thermal EMF
<10μV

AC PERFORMANCE (into 50Ω)

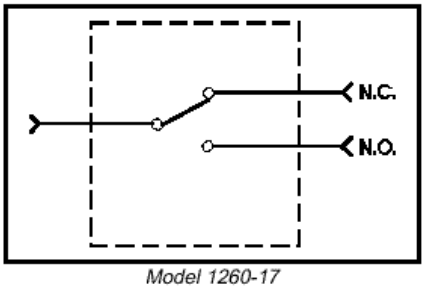
Capacitance
Input to Output: <10pF
Bandwidth (-3dB)
>60MHz
Insertion Loss
100kHz: <0.1dB
1MHz: <0.5dB
10MHz: <1.0dB

Isolation
10MHz: <-30dB
Crosstalk
100kHz: <-45dB
1MHz: <-40dB
10MHz: <-35dB

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 Option 01 installed)
Weight
2.97 lb. (1.34 kg) without Option 01
3.25 lb. (1.48 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 2.49
This CLOSE statement will close relay number 49 on the 1260-17 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. This module has two options: IDC (ribbon cable) or Crimp (discrete wire connectors).



Model 1260-17
80 independent relays. One channel is shown.

ORDERING INFORMATION		
Model	**Description**	**Part Number**
1260-17	80-channel SPDT Switch w/IDC	407165
1260-17A	80-channel SPDT Switch w/crimp conn.	407165-001
Option 01*	Smart Control Module (installed)	OPT-401901-005
602004	64-pin DIN Connector (4 supplied)	602004
602159-064	Crimp Body (4 supplied w/ 1260-17A)	602159-064
602159-900	Crimp Pin (256 supplied w/ 1260-17A)	602159-900
990897	Crimp Tool for 602159-900	990897
990898	Insertion Tool for 602159-900	990898
990899	Extraction Tool for 602159-900	990899
*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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