

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

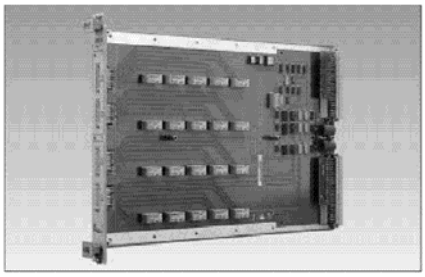
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

**Visit 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

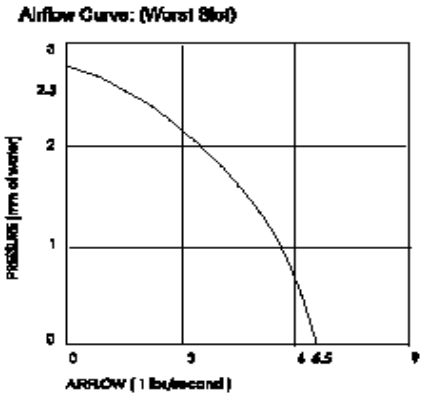
**Maximum Switchable Voltage**
(Terminal-Terminal or Terminal-Chassis)
220VDC or 250VACrms
**Maximum Switchable Current**
(DC or ACrms)
Per Channel: 2A
**Maximum Switchable Power**
Per Channel: 60WDC, 62.5VAC

## 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

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP