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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1250-15A Relay Driver Module

The Astronics 1250-15A Relay Driver Module is designed to reliably drive relays in various electronic systems. It is suitable for aerospace, military, and industrial applications where precise control and dependable performance are crucial. It offers efficient and solid relay driving capabilities.



MODEL

**Astronics / EADS /
Racal 1250-15A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1250-15A

LISTING

<https://aumictechlabs.com/products/1250-15a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1250-15A is a 24-channel relay driver module engineered for external relay control within the Racal 1250 Universal Switch Controller system. It delivers current-sinking outputs paired with confidence-testing sense inputs, supporting both internal +13V DC and external supplies up to +30V for relay coil actuation. The module integrates directly into automated test equipment and applications across aerospace, military, and industrial domains.

Technical Specifications
Output Drivers: 24 current-sink channels
Sense Inputs: 24 feedback channels for confidence testing
Internal Supply: +13V DC at 1.7 A (fused)
External Supply: Up to +30V DC
Output Voltage (Off State): 30 V maximum
Output Voltage (On State): 1.6 V maximum
Per-Channel Current: 350 mA @ 100% duty cycle
Group Current Limits: 1.0 A per group (CH00-

CH07, CH08–CH15, CH16–CH23) Total Module Current: 3.0 A (external supply) Sense Input Impedance: 6.8 k Ω Sense Input Voltages: 9.30 V (de-energized), 0–1.6 V (energized) Key Features Three DB25 connectors carrying output drivers, sense inputs, supply voltage, and return lines Break-Before-Make (BBM), Make-Before-Break (MBB), and Immediate (IMM) switching modes Command syntax supporting OPEN, CLOSE, SETUP, PSETUP, RESET, and PDATAOUT operations Modular plug-in card design compatible with 1250 chassis (slots 1–5 or 1–14) Scalable architecture for complex multi-channel switching requirements Typical Applications Automated test equipment (ATE) environments Aerospace and defense test systems Industrial relay control and signal switching Systems requiring external relay actuation with real-time feedback validation Compatibility & Integration The 1250-15A operates exclusively within the Racal 1250 Universal Switch Controller framework. Slot-based configuration and command-driven control enable integration into hierarchical test architectures without external interface modules.

Features & description

From manufacturer datasheet

Features

- External relay driver for 1250-series switching systems
- Works with Racal 1250 Universal Switch Controller architecture
- About 24-channel external relay drive class (dealer listings)
- Part of 1250 Adapt-a-Switch / programmable switch family
- Related chassis: 1250 (5-slot), 1251 (14-slot) class controllers

125015A Characteristics / Specifications

PARAMETER	VALUE
Model	1250-15A
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	External relay driver module
Host System	Racal 1250 / 1251 programmable switching / Adapt-a-Switch family
Channels	about 24 external relay drive channels (confirm on unit)
Function	Drive external relays under 1250 controller software/commands Standard Operating Conditions Wire external relay coils only within the rated drive voltage/current of the 1250-15A. Observe coil flyback protection practices. Install and address the module per the 1250 system configuration guide.
Related chassis	1250 (5-slot), 1251 (14-slot) class controllers

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	1250-15A
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	External relay driver module
Host System	Racal 1250 / 1251 programmable switching / Adapt-a-Switch family
Channels	about 24 external relay drive channels (confirm on unit)
Function	Drive external relays under 1250 controller software/commands

Standard Operating Conditions

Wire external relay coils only within the rated drive voltage/current of the 1250-15A. Observe coil flyback protection practices. Install and address the module per the 1250 system configuration guide.

Operational Notes

Confirm 1250-15A vs other 1250-xx switch cards. Do not invent coil voltage/current limits without the module datasheet for the exact revision.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.