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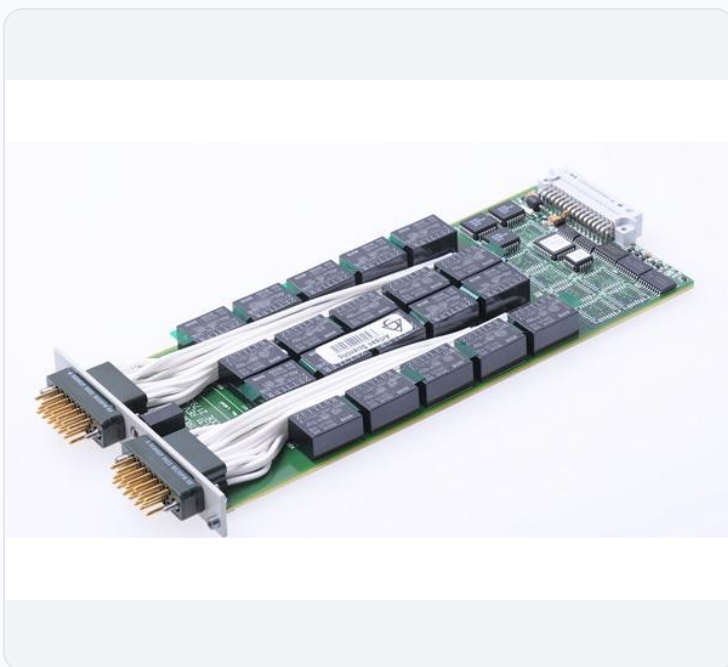
Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-120 Power Switch Plug-In Module

Astronics / EADS / Racal Power Supply Modules. Channel: to-chassis capacitance is below 10 pF.



MODEL

**Astronics / EADS /
Racal 1260-120**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-120

LISTING

[https://aumictechlabs.c
om/products/1260-120-
2/](https://aumictechlabs.com/products/1260-120-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics / EADS / Racal 1260-120 is a 20-channel Single Pole Single Throw (SPST) power switch plug-in module designed for high-current switching applications handling both AC and DC power. This module employs the standard Adapt-a-Switch plug-in design for seamless integration and field replacement in compatible chassis. It delivers switching capability up to 125 VDC or 250 VAC at currents reaching 10 ADC or 13 AAC, with maximum switching power of 300 W (DC) or 200 VA (AC). The 1260-120 integrates into VXI, GPIB/RS-232, and LXI switching systems, offering flexible connectivity for diverse test and measurement applications. Path resistance measures less than 200 m Ω initially, while insulation resistance reaches 10⁹ Ω . AC performance into 50 Ω includes small-signal bandwidth to 50 MHz and power bandwidth to 400 Hz. Channel-to-chassis capacitance is below 10 pF, with open-channel capacitance under 200 pF. The module operates from a +5 VDC supply drawing 150 mA (module) plus 40 mA per energized relay up to 1 A

maximum. Switching time is less than 10 ms including settling. An external Emergency Reset interface allows immediate opening of all channels for safety-critical operations. Mechanical durability is verified by 10,000,000 rated mechanical operations and 100,000 electrical operations at full rated load. MTBF reaches 979,058 hours per MIL-HDBK-217E. The module operates across 0 °C to 55 °C and survives 30 g / 11 ms half-sine shock and 0.013 in peak-peak vibration from 5 to 55 Hz. Environmental specifications include 85% ±5% relative humidity non-condensing and 10,000 ft operating altitude. Compliance covers EN55011A emissions, IEC801-2/3/4 immunity, and EN61010-1 safety standards. Weight is 13 oz with dimensions of 4.5" H × 0.75" W × 9.5" D; the module interfaces via 20-pin rack and panel connector and installs into Racal Instruments™ 126 carriers.

Features & description

From manufacturer datasheet

Features

- 20 channels SPST (Form A) high-power switching
- Up to 13 A / 250 VAC or 10 A / 125 VDC
- Adapt-a-Switch plug-in (1260-100 / 1260-101 / 1256)
- External emergency reset
- Option 01T message- and register-based control
- VXIplug&play / LabVIEW / LabWindows support
- Mating connectors included (typical kits)
- Ordering example: 407631

1260120 Characteristics / Specifications

PARAMETER	VALUE
Model	1260-120
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-power SPST Adapt-a-Switch plug-in
Host	1260-100 / 1260-101 Adapt-a-Switch carrier; 1256 / 1256L mainframe
Channels	20 SPST FormAMax Switching; 13 A at 250 VAC; 10 A at 125 VDC
Control	Option 01T (register- and message-based)
Relay Type	Electromechanical (bidirectional I/O)
Ordering	407631 (20-channel SPST 10 A class listing) Standard Operating Conditions Install incompatible carrier/mainframe with Option 01T. Wire Emergency Reset for high-current safety. Use supplied mating connectors and rated wire gauge.
Ordering example	407631

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

Technical Specifications

PARAMETER	VALUE
Model	1260-120
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-power SPST Adapt-a-Switch plug-in
Host	1260-100 / 1260-101 Adapt-a-Switch carrier; 1256 / 1256L mainframe
Channels	20 SPST Form A
Max Switching	13 A at 250 VAC; 10 A at 125 VDC
Control	Option 01T (register- and message-based)
Relay Type	Electromechanical (bidirectional I/O)

Specifications

PARAMETER	VALUE
Model	1260-120
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-power SPST Adapt-a-Switch plug-in
Host	1260-100 / 1260-101 Adapt-a-Switch carrier; 1256 / 1256L mainframe
Channels	20 SPST FormA Max Switching: 13 A at 250 VAC; 10 A at 125 VDC
Control	Option 01T (register- and message-based)
Relay Type	Electromechanical (bidirectional I/O)

Ordering: 407631 (20-channel SPST 10 A class listing)

Standard Operating Conditions

Install incompatible carrier/mainframe with Option 01T. Wire Emergency Reset for high-current safety. Use supplied mating connectors and rated wire gauge.

Operational Notes

This is a plug-in, not a full VXI slot module by itself—pair with 1260-100/101 or 1256. Confirm 1260-120 vs full-slot 1260-22 high-power modules.

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.