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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-22 High Power Switch Module

Astronics / EADS / Racal 1260-22 High Power Switch Module The Astronics / EADS / Racal 1260-22 is a 40-channel SPST high-power C-size single-slot VXIbus switch module for switching and routing high-current AC/DC sources in automated test systems. It switches up to 20 A AC or DC and up to 250 VAC/VDC, with maximum power handling of 600 WDC or 4800 VA per channel. Internal jumpers support reconfiguration as five 4×1 plus ten 2×1 multiplexers. An external Emergency Reset input can open all channels on the card and on other cards sharing the same Option 01T. Surge suppressors install on-module. Option 01T provides message-based and register-based control. Related 1260-22A is the multiplexer-configured ordering variant. The Astronics / EADS / Racal 1260-22 is a 40-channel SPST high-power C-size single-slot VXIbus switch module for switching and routing high-current AC/DC sources in automated test systems. It switches up to 20 A AC or DC and up to 250 VAC/VDC, with maximum power handling of 600 WDC or 4800 VA per channel. Internal jumpers support reconfiguration as five 4×1 plus ten 2×1 multiplexers. An external Emergency Reset input can open all channels on the card and on other cards sharing the same Option 01T. Surge suppressors install on-module. Option 01T provides message-based and register-based control. Related 1260-22A is the multiplexer-configured ordering variant. High-cu



MODEL

**Astronics / EADS /
Racal 1260-22**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-22

LISTING

[https://aumictechlabs.c
om/products/1260-22-
2/](https://aumictechlabs.com/products/1260-22-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics/EADS/Racal 1260-22 is a C-size VXIbus high-power switch module delivering 40 SPST channels rated for up to 250 VAC/VDC and 20 A per channel. Designed for automated test systems requiring high-current source switching and routing, the module reconfigures as five 4×1 plus ten 2×1 multiplexer configurations with internal jumper provisions for 1×2 and 1×4 arrangements. Switching time is 300 kHz bandwidth (-3 dB), 50 dB isolation, and <-70 dB crosstalk. Maximum switching power reaches 4800 VA per channel (AC) and 600 W per channel (DC). The module features a 30-pin Positronic connector interface, emergency reset provision, and optional 01T messaging/register-based control with VXIplug&play support for LabVIEW and LabWindows/CVI environments. MTBF is 400,255 hours with operating temperature range of 0°C to +55°C.

Technical Specifications

Electrical Performance

Maximum switching voltage: 250 VAC, 250 VDC
Maximum switching current: 20 A AC, 20 A DC
Maximum switching power: 4800 VA per channel (AC), 600 W per channel (DC)
Minimum switching power: 1 A AC at 12 VAC, 1 A DC at 5 VDC
Switching time: 300 kHz
Insertion loss: 50 dB at 10 kHz
Crosstalk: <-70 dB at 10 kHz
Open channel capacitance: <250 pF
Channel-to-chassis capacitance: <250 pF

Physical & Environmental

Form factor: C-size, single-slot VXIbus module
Weight: 4 lbs 3 oz (2.1 kg) base, 4 lbs 8 oz (2.2 kg) with Option 01T
Operating temperature: 0°C to +55°C
Storage temperature: -40°C to +71°C
Humidity (non-condensing): 85% ±5% at <35°C
Operating altitude: 10,000 ft
Storage altitude: 15,000 ft
Shock: 10 g, 11 ms, 1/2 sine wave
Vibration (non-operating): 0.013 in pk-pk, 5 to 55 Hz

Key Features

40 SPST channels with reconfigurable multiplexer topology
Internal jumper configuration for 1×2 and 1×4 multiplexer arrangements
Emergency reset interface for immediate channel opening
Optional 01T interface with message-based and register-based control
VXIplug&play support for Win32 API frameworks
EN61010-1 safety certification
EMC compliance: EN55011A emissions, IEC801-2/3/4 immunity
Compatibility & Integration
30-pin Positronic front-panel connector
VXIbus single-slot architecture
LabVIEW and LabWindows/CVI driver support
Optional 01 Smart Card installation capability

Features & description

From manufacturer datasheet

Features

- 40 channels SPST high-power switching
- Up to 20 A AC or DC; 250 V AC/DC
- 600 WDC / 4800 VA per channel max
- Reconfigurable mux: five 4×1 + ten 2×1
- External emergency reset to open all channels
- Option 01T message- and register-based control
- VXIplug&play / LabVIEW / LabWindows support
- 30-pin Positronic front connector

1260 Characteristics / Specifications

PARAMETER	VALUE
Model	1260-22 (related 1260-22A)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-power SPST VXI switch module
Form Factor	C-size, single-slot VXIbus
Channels	40 SPST
Max Switching Voltage	250 VAC, 250 VDC
Max Switching Current	20 A AC, 20 A DC
Max Switching Power	4800 VA, 600 W
Min Switching Power	1 A AC at 12 VAC; 1 A DC at 5 VDC
Path Resistance	less than 100 mOhm
Insulation Resistance	greater than 1e9 Ohm
Switching Time	less than 15 ms
Rated Operations	mechanical 10,000,000; electrical 100,000 at full load
Operating Temperature	0 to 55 C
Weight	about 2.1 kg without Option 01T; 2.2 kg with
Ordering	407630 (1260-22); 407630-001 (1260-22A) Standard Operating Conditions Install Option 01T in the leftmost 1260-series module of the switch set. Wire Emergency Reset for high-current safety. Observe cooling airflow. Use rated Positronic mating hardware (12 GA pins class).
Reconfigurable mux	five 4×1 + ten 2×1
Bandwidth	(-3 dB): greater than 300 kHz

1260 Specifications

PARAMETER	VALUE
Key Features	- 40 channels SPST high-power switching
Technical Specifications	Model: 1260-22 (related 1260-22A)
Operational Notes	Confirm 1260-22 vs 1260-22A (mux factory config). Catalog slug matching may be required when the index title is only the SKU.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 55 C
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Weight	about 2.1 kg without Option 01T; 2.2 kg with
Ordering	407630 (1260-22); 407630-001 (1260-22A) Standard Operating Conditions Install Option 01T in the leftmost 1260-series module of the switch set. Wire Emergency Reset for high-current safety. Observe cooling airflow. Use rated Positronic mating hardware (12 GA pins class).

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	1260-22 (related 1260-22A)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	High-power SPST VXI switch module
Form Factor	C-size, single-slot VXIbus
Channels	40 SPST
Max Switching Voltage	250 VAC, 250 VDC
Max Switching Current	20 A AC, 20 A DC
Max Switching Power	4800 VA, 600 W
Min Switching Power	1 A AC at 12 VAC; 1 A DC at 5 VDC
Path Resistance	less than 100 mOhm
Insulation Resistance	greater than 1e9 Ohm

Bandwidth (-3 dB): greater than 300 kHz

Specifications

PARAMETER	VALUE
Switching Time	less than 15 ms
Rated Operations	mechanical 10,000,000; electrical 100,000 at full load
Operating Temperature	0 to 55 C
Weight	about 2.1 kg without Option 01T; 2.2 kg with

Ordering: 407630 (1260-22); 407630-001 (1260-22A)

Standard Operating Conditions

Install Option 01T in the leftmost 1260-series module of the switch set. Wire Emergency Reset for high-current safety. Observe cooling airflow. Use rated Positronic mating hardware (12 GA pins class).

Operational Notes

Confirm 1260-22 vs 1260-22A (mux factory config). Catalog slug matching may be required when the index title is only the SKU.

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.