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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-117 Channel SPDT Plug-In Switch

Astronics / EADS / Racal 1260-117 Channel SPDT Plug-In Switch The Astronics / EADS / Racal 1260-117 (1260117) is a 52-channel SPDT (Form C) Adapt-a-Switch plug-in module for general-purpose switching to 60 MHz. It installs in the front of a 1260-100 or 1260-101 Adapt-a-Switch VXI carrier or a 1256 / 1256L switching mainframe. Each channel switches up to 2 A (1 A with IDC mating connector), 300 VDC or 300 VAC (250 VAC / 220 VDC in operator manual tables), and 60 W DC / 125 VA AC with path resistance under 500 mΩ and thermal EMF under 10 μV. The 160-pin DIN front connector is used on the 1260-117; the related 1260-117A is a 20-channel variant with 64-pin DIN and ribbon-cable interface option. Ordering P/N 407658. The Astronics / EADS / Racal 1260-117 (1260117) is a 52-channel SPDT (Form C) Adapt-a-Switch plug-in module for general-purpose switching to 60 MHz. It installs in the front of a 1260-100 or 1260-101 Adapt-a-Switch VXI carrier or a 1256 / 1256L switching mainframe. Each channel switches up to 2 A (1 A with IDC mating connector), 300 VDC or 300 VAC (250 VAC / 220 VDC in operator manual tables), and 60 W DC / 125 VA AC with path resistance under 500 mΩ and thermal EMF under 10 μV. The 160-pin DIN front connector is used on the 1260-117; the related 1260-117A is a 20-channel variant with 64-pin DIN and ribbon-cable interface option. Ordering P/N 407658. High-density genera



MODEL

**Astronics / EADS /
Racal 1260-117**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-117

LISTING

[https://aumictechlabs.c
om/products/1260-117-
2/](https://aumictechlabs.com/products/1260-117-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

Temperature: 0°C to 55°C Relative humidity: 5% to 95% RH non-condensing at $\leq 30^{\circ}\text{C}$ Operating altitude: 10,000 ft Shock: 30 g peak, half-sine 11 ms pulse Random vibration: 5–500 Hz, 0.3 Grms Airflow requirement: 1.0 liter/sec

Features & description

From manufacturer datasheet

Features

- 52-channel SPDT FormCAadapt-a-Switch plug-in
- Bandwidth to 60 MHz (-3 dB, 50 Ω)
- 2 A max (1 A with IDC connector)
- 300 V / 250 VAC class switching voltage ratings
- 60 W DC / 125 VA AC max switching power
- Path resistance <500 m Ω ; thermal EMF <10 μ V
- 160-pin DIN front connector (1260-117)
- For 1260-100/101 carrier or 1256/1256L mainframe
- Option 01T control (register or message based)
- Related 1260-117A: 20 channels; ordering 407658-001

1260117 Characteristics / Specifications

PARAMETER	VALUE
Model	1260-117 (1260117)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Adapt-a-Switch SPDT plug-in switch module
Host	1260-100 / 1260-101 VXI carrier; 1256 / 1256L mainframe
Channels	52 SPDT (Form C)
Bandwidth	60 MHz (-3 dB, 50 Ω)
Max Switching Voltage	300 VDC or 300 VAC (datasheet); 250 VAC / 220 VDC (manual tables)
Max Switching Current	2 A AC/DC (1 A with IDC mating connector)
Max Switching Power	60 W DC; 125 VA AC
Path Resistance	<500 m Ω initial
Thermal EMF	<10 μ V
Switching Time	<3 ms including settling (datasheet)
Connector	160-pin DIN (1260-117)
Power	+5 VDC at 150 mA plus 30 mA per energized relay (750 mA max)
Ordering	407658 (1260-117); 407658-001 (1260-117A, 20 ch)
Related	1260-117A (20-channel, 64-pin DIN) Standard Operating Conditions Install incompatible Adapt-a-Switch carrier with Option 01T. Order mating connectors separately (DIN crimp or IDC ribbon options). Operate 0°C to +55°C per family environmental rating.
Related 1260-117A	20 channels; ordering 407658-001

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	1260-117 (1260117)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Adapt-a-Switch SPDT plug-in switch module
Host	1260-100 / 1260-101 VXI carrier; 1256 / 1256L mainframe
Channels	52 SPDT (Form C)
Bandwidth	60 MHz (-3 dB, 50 Ω)
Max Switching Voltage	300 VDC or 300 VAC (datasheet); 250 VAC / 220 VDC (manual tables)
Max Switching Current	2 A AC/DC (1 A with IDC mating connector)
Max Switching Power	60 W DC; 125 VA AC
Path Resistance	<500 mΩ initial
Thermal EMF	<10 μV
Switching Time	<3 ms including settling (datasheet)
Connector	160-pin DIN (1260-117)
Power	+5 VDC at 150 mA plus 30 mA per energized relay (750 mA max)

Ordering: 407658 (1260-117); 407658-001 (1260-117A, 20 ch)

Related: 1260-117A (20-channel, 64-pin DIN)

Standard Operating Conditions

Install incompatible Adapt-a-Switch carrier with Option 01T. Order mating connectors separately (DIN crimp or IDC ribbon options). Operate 0°C to +55°C per family environmental rating.

Operational Notes

Confirm 1260-117 (52 ch, 160-pin) vs 1260-117A (20 ch, 64-pin) from faceplate and connector. Interface connectors are not included with the module-order cable/connector kits per the 1260-117 manual.

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.