

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

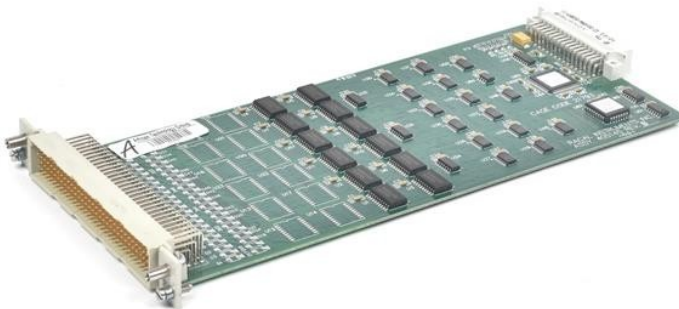
Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-114OC Open Collector Digital I/O Plug-In Module

Astronics / EADS / Racal VXI Modules. Voltage: independent output stages., Channels: TTL, Current: up to 1.5 A per channel.



MODEL

**Astronics / EADS /
Racal 1260-114OC**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-114OC

LISTING

[https://aumictechlabs.c
om/products/1260-114o
c-2/](https://aumictechlabs.com/products/1260-114oc-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astronics / EADS / Racal 1260-114OC is an open-collector digital I/O plug-in module delivering 96 independently configurable channels for TTL, CMOS, or standard open-collector signal switching. Engineered for the Racal Instruments 1260-100 Adapt-a-Switch VXIbus carrier, this module excels in industrial control, relay switching, and external device interfacing applications requiring voltage-independent output stages. Technical Specifications Channel Configuration 96 channels: TTL, CMOS, or open-collector modes 48-channel high-voltage/current open-collector (HVOC) variant available Independent input/output configuration per channel Tri-state/high-impedance capability on TTL/CMOS channels Electrical Performance Data rate: up to 200 kHz Output voltage drive: up to 50 V Sink current: up to 1.5 A per channel External pull-up supply (OC version): up to 32 VDC per independent group External pull-up supply (HVOC version): up to 50 VDC per independent group Control Architecture 2-wire programmable

handshaking (active high/low selectable) Synchronous, asynchronous, and mixed operating modes Data representation in hex, decimal, or binary formats Physical & Integration Single-slot, C-size VXIbus form factor Front-panel installation into 1260-100 Adapt-a-Switch carrier VXIplug&play framework support (Win32-based) Driver support: LabWindows/CVI and LabVIEW when used with appropriate controller Key Features Channel-by-channel configuration flexibility enables mixed TTL/CMOS/OC operation within a single module Programmable handshaking eliminates external logic for flow control High current sinking capability (1.5 A per channel) handles relay coils and solenoid switching directly Voltage-independent open-collector outputs decouple digital logic from external supply domains Typical Applications Industrial relay and solenoid switching matrices Multi-voltage external device control Test automation requiring mixed signal-level interfacing VXI-based test and measurement systems Compatibility & Integration The module requires the Racal Instruments 1260-100 Adapt-a-Switch carrier and typically an Option-01T Smart Control Module for buffered I/O operations. VXIplug&play software frameworks provide standardized instrument control across Win32 platforms.

Features & description

From manufacturer datasheet

Features

- 96 open-collector digital I/O channels (12 × 8-bit groups) • External pull-up to 32 VDC per independent group • Async, sync, and mixed operating modes • Two-wire programmable handshaking
- About 200 kHz data rate • Installs in 1260-100 Adapt-a-Switch carrier • Standard Adapt-a-Switch front-loading plug-in • VXIplug&play support via carrier/controller

1260114OC Characteristics / Specifications

PARAMETER	VALUE
Model	1260-114OC
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Adapt-a-Switch digital I/O plug-in (open collector)
Host Carrier	1260-100 / 1260-101 Adapt-a-Switch VXI carrier; 1256 / 1256L mainframe class
Channels	96 bi-directional open-collector (12 groups of 8)
Configuration	I/O selected as input or output on 8-bit byte basis
Data Rate	about 200 kHz (family datasheet)
Operating Modes	asynchronous; synchronous; mixed
Handshaking	two-wire programmable
Ordering	407661-003 (1260-114OC open collector)
NSN Example	5998-01-543-6853
Related	1260-114TTL (407661-001); 1260-114CMOS (407661-002); 1260-114HVOC (407661-004) Standard Operating Conditions Install in compatible Adapt-a-Switch carrier with Option 01T. Provide external pull-up/protection voltages when required for inductive loads. Refer to 1260-100 carrier datasheet for carrier-level power and cooling.

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	1260-1140C
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Adapt-a-Switch digital I/O plug-in (open collector)
Host Carrier	1260-100 / 1260-101 Adapt-a-Switch VXI carrier; 1256 / 1256L mainframe class
Channels	96 bi-directional open-collector (12 groups of 8)

Pull-Up: separate external pull-up per group to 32 VDC

Specifications

PARAMETER	VALUE
Configuration	I/O selected as input or output on 8-bit byte basis
Data Rate	about 200 kHz (family datasheet)
Operating Modes	asynchronous; synchronous; mixed
Handshaking	two-wire programmable

Ordering: 407661-003 (1260-1140C open collector)
NSN Example: 5998-01-543-6853
Related: 1260-114TTL (407661-001); 1260-114CMOS (407661-002); 1260-114HVOC (407661-004)

Standard Operating Conditions
Install in compatible Adapt-a-Switch carrier with Option 01T. Provide external pull-up/protection voltages when required for inductive loads. Refer to 1260-100 carrier datasheet for carrier-level power and cooling.

Operational Notes
This is a plug-in module—not a standalone VXI slot card. Confirm 1260-1140C vs HVOC (48-channel high-voltage/current variant). Buffered I/O uses smart-card memory on the carrier Option 01T controller.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 2, 2026

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