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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight DAQM903A

Agilent Keysight DAQM903A 20 Channel Actuator General Purpose Switch Module The Keysight DAQM903A provides 20 independent SPDT FormCactuators/general-purpose switches for DAQ970A/DAQ973A. OEM tables list 120 channels per second operation and 300 V / 1 A switching for control and routing applications. Stimulus routing, power switching of low-current loads, and independent FormCcontrol in automated test without tying channels to the internal DMM mux bus. Not limited to sequential multiplexer topology The Keysight DAQM903A provides 20 independent SPDT FormCactuators/general-purpose switches for DAQ970A/DAQ973A. OEM tables list 120 channels per second operation and 300 V / 1 A switching for control and routing applications. Stimulus routing, power switching of low-current loads, and independent FormCcontrol in automated test without tying channels to the internal DMM mux bus. Not limited to sequential multiplexer topology 120 channels per second actuate rate class



MODEL

**Agilent / Keysight
DAQM903A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

DAQM903A

LISTING

<https://aumictechlabs.com/products/daqm903a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight DAQM903A is a 20-channel actuator module that integrates directly into DAQ970A and DAQ973A data acquisition mainframes to deliver single-pole, double-throw relay switching for automated test and power management applications. Built on Form C latching relays, the module

handles voltage switching up to 300 V, current switching up to 1 A, and power loads up to 50 W across independent channels. Engineers deploy it for power cycling of products under test, controlling indicator and status lights, and actuating external power relays and solenoids. The module achieves a 10 MHz bandwidth with a 120 channels-per-second scan rate, enabling rapid signal routing in complex test systems. Screw-terminal connections simplify wiring, and modular architecture allows combination with other matrix and multiplexer modules to scale switching capacity for custom applications. Each unit ships with a functional test certificate.

Technical Specifications
Channels: 20 independent Relay Configuration: Single-Pole, Double-Throw (SPDT) latching relays (Form C) Switching Voltage: Up to 300 V Switching Current: Up to 1 A Switching Capacity: Up to 50 W Bandwidth: 10 MHz Scan Rate: 120 channels per second Connection Type: Screw terminals

Key Features
Independent channel isolation for parallel test operations Latching relay design reduces power consumption during idle states 10 MHz bandwidth accommodates both DC and low-frequency AC switching Modular design integrates into existing DAQ infrastructure Scalable architecture supports custom matrix configurations

Typical Applications
Product power cycling and reset control Indicator and status light switching External power relay and solenoid actuation Multi-channel signal routing in automated test systems Data logging with integrated control functions

Compatibility & Integration
The DAQM903A operates as a plug-in module for Keysight DAQ970A and DAQ973A mainframes. It can be combined with other switch modules to build larger routing matrices without requiring external relay drivers or interface cards.

DAQM903A Characteristics / Specifications

PARAMETER	VALUE
Model	DAQM903A
Instrument Type	actuator general purpose switch module
Mainframe Compatibility	DAQ970A and DAQ973A
Channel Count	20 independent switches
Relay Type	SPDT FormCScan Or Actuate Rate: 120 channels per second
Maximum Switching Voltage	300 V
Maximum Switching Current	1 A
Contact Topology	independent not multiplexed
Form Factor	DAQ97 plug-in module
Slot Occupancy	1 module slot
Series Family	Keysight DAQM90x
Related Modules	DAQM901A DAQM904A DAQM907A
Use Case	control output switching
Isolation	per FormCrelay contacts
Operating Temperature Class	0 C to 55 C mainframe ambient
Power Source	powered by DAQ97 mainframe
Maximum System GP Switches	up to 60 with three modules
Voltage Polarity	plus or minus 300 V class switching
Digital Control Path	mainframe digital bus
Manufacturer	Keysight Technologies
Module Width	single DAQ97 slot
Operating temperature	Class: 0 C to 55 C mainframe ambient

DAQM903A Specifications

PARAMETER	VALUE
Not limited to sequential multiplexer topology	300 V and 1 A switching rating
Technical Specifications	Model: DAQM903A
Notes	Rows from Keysight DAQ970A/DAQ973A module overview for DAQM903A actuator/GP switch.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 C to 55 C mainframe ambient
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Voltage Polarity	plus or minus 300 V class switching
Digital Control Path	mainframe digital bus
Manufacturer	Keysight Technologies
Module Width	single DAQ97 slot Notes Rows from Keysight DAQ970A/DAQ973A module overview for DAQM903A actuator/GP switch.

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	
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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.