

MDO53

Nexus OnCore 16-Channel AC Relay Digital Output Module

Product identification

General Electric MDO53 is the Nexus OnCore 16-Channel AC Relay Digital Output Module for Nexus OnCore. It switches sixteen discrete output channels through AC-relay output circuitry.

Parameter	Official value
Manufacturer	General Electric
Model	MDO53
Product Family	Nexus OnCore
Product Type	Nexus OnCore 16-Channel AC Relay Digital Output Module

Technical information

Parameter	Official value
Output Type	AC relay
Channels	16
I/O Function	Discrete output switching
Supply	24 VDC
Maximum Power	11.0 W
Load Reference	8 A at 30 VDC listed in the certified table
Ambient Range	-20 to +50 degrees C on the certified nameplate
Hazardous Marking	Class I Division 2 and Zone 2
Installation	Panel-mounted in a minimum IP54 enclosure for ATEX use

Applications

- Switches sixteen discrete field-output circuits in Nexus OnCore systems.
- Interfaces relay-driven actuators and annunciation loads with the control architecture.
- Supports certified panel-mounted industrial process-control installations.

Relay Outputs

- Official documentation specifies output type as AC relay for this configuration.
- Official documentation specifies channels as 16 for this configuration.
- Official documentation specifies i/o function as Discrete output switching for this configuration.

Load Switching

- Official documentation specifies supply as 24 VDC for this configuration.
- Official documentation specifies maximum power as 11.0 W for this configuration.
- Official documentation specifies load reference as 8 A at 30 VDC listed in the certified table for this configuration.

Certified Enclosure

- Official documentation specifies ambient range as -20 to +50 degrees C on the certified nameplate for this configuration.
- Official documentation specifies hazardous marking as Class I Division 2 and Zone 2 for this configuration.
- Official documentation specifies installation as Panel-mounted in a minimum IP54 enclosure for ATEX use for this configuration.

Selection and installation checks

- Verify relay-contact voltage and load requirements.
- Match the complete mdo53 regional suffix.
- De-energize outputs before connecting or disconnecting.

Request a quotation
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Product reference
MDO53
Nexus OnCore 16-Channel AC Relay Digital
Output Module



Manufacturer source

https://www.governova.com/content/dam/gepower-new/global/en_US/downloads/gas-new-site/products/digital-and-controls/certificates/OnCore/Modules/United_Kingdom/157M0728-ONCORE-Modules-ATEX-Type-Examination-Certificate-RevC.pdf