

MDI50

Nexus OnCore 32-Channel Digital Input Module

Product identification

General Electric MDI50 is the Nexus OnCore 32-Channel Digital Input Module for Nexus OnCore. It acquires thirty-two discrete input channels through the OnCore digital-input architecture.

Parameter	Official value
Manufacturer	General Electric
Model	MDI50
Product Family	Nexus OnCore
Product Type	Nexus OnCore 32-Channel Digital Input Module

Technical information

Parameter	Official value
Input Type	Digital input
Channels	32
I/O Function	Discrete signal acquisition
Supply	24 VDC
Maximum Power	8.5 W
Module Architecture	Processor subsystem and digital-input acquisition circuit
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

- Acquires high-density discrete status signals in Nexus OnCore systems.
- Connects thirty-two field contact states to the OnCore control architecture.
- Supports certified panel-mounted industrial process-control installations.

Digital Inputs

- Official documentation specifies input type as Digital input for this configuration.
- Official documentation specifies channels as 32 for this configuration.
- Official documentation specifies i/o function as Discrete signal acquisition for this configuration.

Input Power

- Official documentation specifies supply as 24 VDC for this configuration.
- Official documentation specifies maximum power as 8.5 W for this configuration.
- Official documentation specifies module architecture as Processor subsystem and digital-input acquisition circuit 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

- Confirm field-voltage and wetting arrangements.
- Match the complete mdi50 regional suffix.
- Provide the required enclosure and grounding.

Request a quotation
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Product reference
MDI50
Nexus OnCore 32-Channel Digital Input
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