

BLP50

Nexus OnCore TMR Programmable Logic Protection Base Module

Product identification

General Electric BLP50 is the Nexus OnCore TMR Programmable Logic Protection Base Module for Nexus OnCore. It provides the base-terminal hardware for the OnCore TMR emergency-trip programmable logic protection module.

Parameter	Official value
Manufacturer	General Electric
Model	BLP50
Product Family	Nexus OnCore
Product Type	Nexus OnCore TMR Programmable Logic Protection Base Module

Technical information

Parameter	Official value
Safety Function	TMR emergency-trip-system base
Module Role	Programmable logic protection base module
Architecture	Triple modular redundant
Supply	24 VDC
Maximum Power	9.5 W
Load Rating	4 A at 30 VDC
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 suitable enclosure

Applications

- Provides base termination for an OnCore TMR emergency-trip logic assembly.
- Supports programmable logic protection in industrial process-control systems.
- Operates in approved panel-mounted hazardous-location installations.

Protection Role

- Official documentation specifies safety function as TMR emergency-trip-system base for this configuration.
- Official documentation specifies module role as Programmable logic protection base module for this configuration.
- Official documentation specifies architecture as Triple modular redundant for this configuration.

Electrical Limits

- Official documentation specifies supply as 24 VDC for this configuration.
- Official documentation specifies maximum power as 9.5 W for this configuration.
- Official documentation specifies load rating as 4 A at 30 VDC for this configuration.

Certified Installation

- 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 suitable enclosure for this configuration.

Selection and installation checks

- Match the blp50 base to the specified tmr protection module.
- Provide a suitable certified enclosure.
- De-energize before connecting or disconnecting in a hazardous area.

Request a quotation
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Product reference
BLP50
Nexus OnCore TMR Programmable Logic
Protection Base 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