TRIGA
Powered by Honeywell

TR-NIC

Network Interface Card

The TR-NIC, Network Interface Card, is an optional component of the Triga Series fire alarm control panels. It allows the sub- assemblies to connect to the Broadband network from remote locations:

The TR-NIC card comes standard with network connections using unshielded, twisted-pair, copper wire. The following optional fiber-optic network connections using add-on modules are available.

• TR-FML multi-mode fiber module (optional)
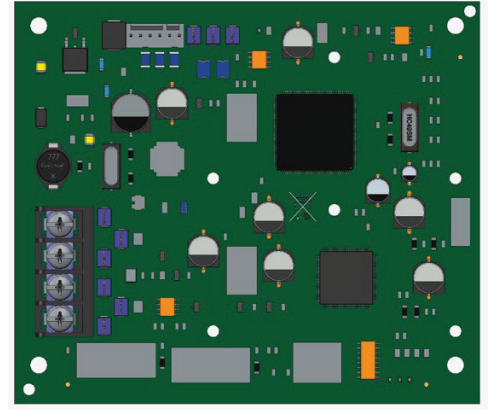• TR-FSL single-mode fiber module (optional)

INSTALLATION

The TR-NIC is adaptable for an installation in the standard Triga Series cabinets. Typically, the TR-NIC card is mounted on standoffs under the motherboard. For instructions on the installation of the TR-NIC refer to the Installation Manual.

COMPATIBILITY

The TR-NIC is compatible with the following Triga Series FACP's:
• TR-2100R / TR-2100B
• TR-2100ECSR / TR-2100ECSB
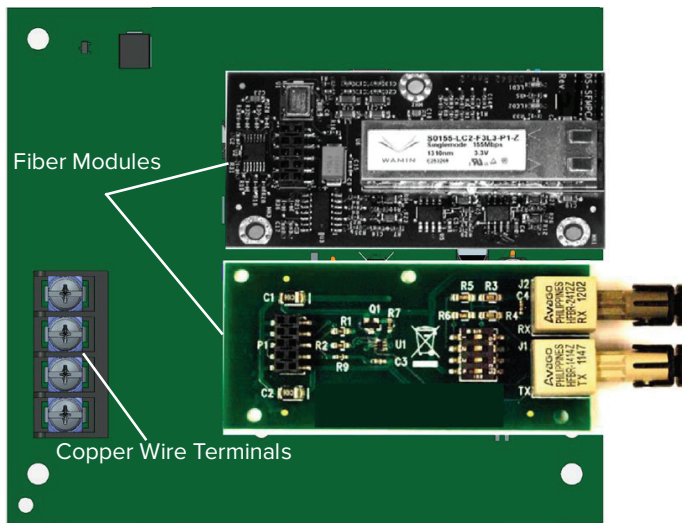• TR-R2100R / TR-R2100B

TR-NIC

FEATURES & BENEFITS

• Listed under UL® Standard 864, 9th Edition

• Provides the capability for networked FACPs to connect in Styles 4 or 7 configurations

• Offers standard unshielded, twisted-pair copper wire network connections.

• Provides add-on fiber-optic modules that allow the network connection through single or multi-mode fiber-optic cables

• TR-NIC can be mounted within the FACP cabinet.

• TR-NIC-KIT accessory kit is available if you want to install the TR-NIC outside of the FACP cabinet

Technical Specifications

Fiber Modules

Copper Wire Terminals

This document is not intended to be used for installation purposes. We try to keep our product information up-to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

SPECIFICATIONS

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Humidity: 0 to 93% relative humidity (non-condensing)

ELECTRICAL

Operating Voltage: 24VDC

Standby Current: 21mA

Alarm Current: 21mA

WIRING SPECIFICATIONS

Copper Wire: 16 to 18 AWG twisted-pair, unshielded Up to 3,000 ft. (914.4 m) between each node.

Fiber-Optic Cable: (TR-FML only) Up to 200 microns optimized for 62.5/125 microns. Up to 8 dB loss between nodes.

Fiber-Optic Cable: (TR-FSL only) Optimized for 9/125 micrometer cable @ 1310 nm. Up to 30dB loss between nodes.

ORDERING INFORMATION

TR-NIC: Network Interface Card

ACCESSORIES

TR-NIC-KIT: Accessory kit for installing the TR-NIC outside of the FACP cabinet. Includes one TR-NIC Network Card.

TR-FML: Fiber Module, multi-mode

TR-FSL: Fiber Module, single-mode

AGENCY LISTINGS AND APPROVALS

UL listed

NFPA 72 approved

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