

# Guardmaster® 440R-ENETR EtherNet/IP™ Network Interface



Seamlessly communicates real-time terminal-level diagnostics to help increase productivity

## Features and Benefits

### Enhanced flexibility

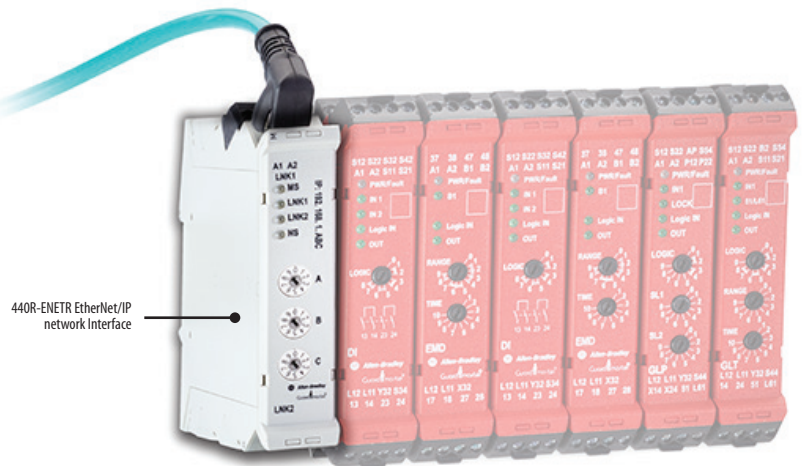
- Connectivity for Guardmaster Safety Relays to EtherNet/IP networks
- Optical link technology means no physical connectors
- Compliant with ODVA requirements for linear, star, and ring EtherNet/IP network topology

### Optimized cost savings, minimized downtime

- Real-time terminal-level diagnostics of your safety system helps to minimize unplanned downtime
- Connect up to six Guardmaster safety relays on a single network interface
- Removable terminations accelerate commissioning

### Easy-to-use, compact solution

- No routing tables and network scheduling required
- Fast, simple configuration and integration
- Full Add-on Profile in Logix Designer, no other software is needed
- Slim, 22.5 mm wide DIN Rail mounted design



The Guardmaster EtherNet/IP Network Interface (440R-ENETR) allows Guardmaster Safety Relays with embedded optical bus technology to seamlessly communicate on an EtherNet/IP network. The information gathered from the GSR intelligent safety relays by way of E/IP Interface helps minimize unplanned downtime and increase efficiencies for startup. Up to six Guardmaster safety relays are easily connected to a single network interface providing a compact solution for your application.

As part of the Rockwell Automation Integrated Architecture, the Guardmaster EtherNet/IP Network Interface provides comprehensive real-time terminal-level diagnostics (such as cross faults and over currents) making it simple to troubleshoot your application.

Compliant with ODVA requirements for linear, star, and ring EtherNet/IP architectures, the Guardmaster EtherNet/IP Network Interface provides greater system reliability and availability, while maximizing uptime and system performance.

Regardless of the application, the Guardmaster EtherNet/IP Network Interface brings the power of the Integrated Architecture to the monitored safety device in a slim, easy-to-use profile.

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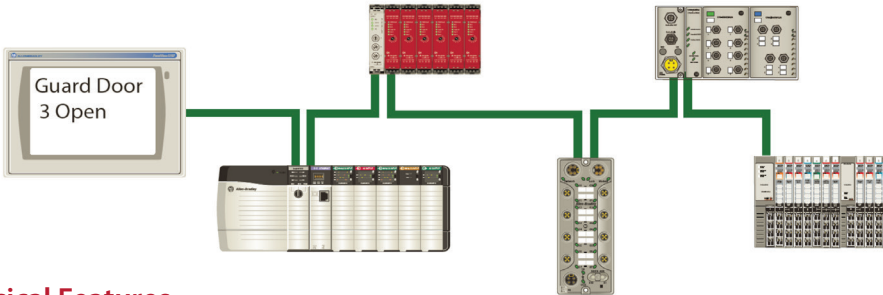
General Order Information

Catalog Number	Description	
440R-ENETR	Guardmaster Ethernet/IP Network Interface	
1585J-M8TBJM-2	Straight Male RJ45 to Straight Male RJ45 Ethernet Patchcord, 8 conductor (4-pair), Cat 5e, TPE, 2 m length <sup>1</sup>	
1585J-E8TBJM-2	Right Angle Male RJ45 to Straight Male RJ45 Ethernet Patchcord, 8 conductor (4-pair), Cat 5e, TPE, 2 m length <sup>2</sup>	
1585J-L8TBJM-2	Left Angle Male RJ45 to Straight Male RJ45 Ethernet Patchcord, 8 conductor (4-pair), Cat 5e, TPE, 2 m length <sup>3</sup>	
Supported Guardmaster Safety Relays		
440R-D22R2	Guardmaster Safety Relay DI	Firmware V2 or later
440R-D22S2	Guardmaster Safety Relay DIS	
440R-EM4R2	Guardmaster Safety Relay EM	
440R-EM4R2D	Guardmaster Safety Relay EMD	
440R-GL2S2P	Guardmaster Safety Relay GLP	
440R-GL2S2T	Guardmaster Safety Relay GLT	

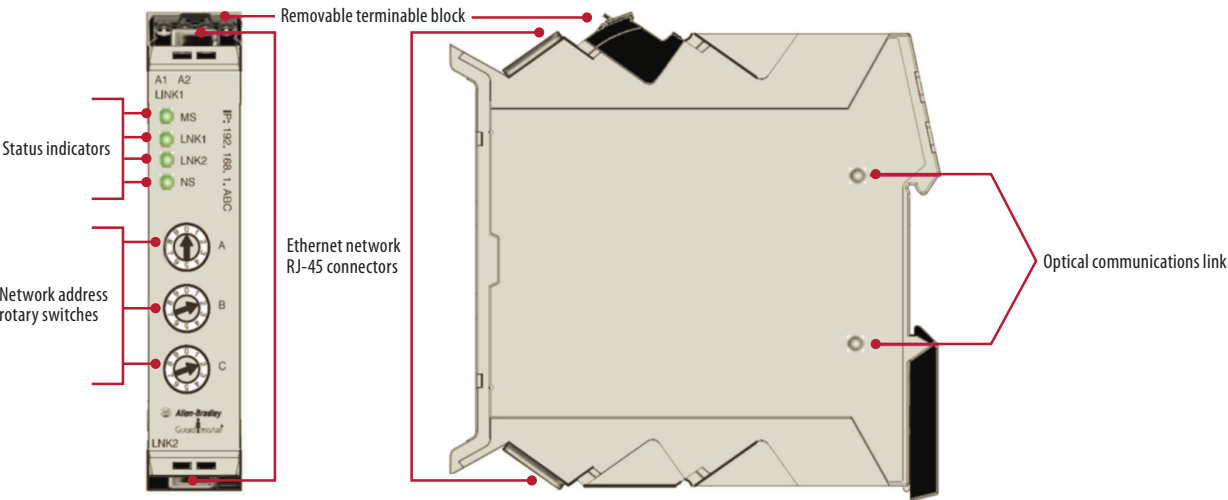
<sup>1</sup> All Ethernet Media Cables are available in 0.1 m increments up to 80 m.  
<sup>2</sup> Recommended for RJ45 connection located at the top of the Guardmaster Ethernet/IP Network Interface.  
<sup>3</sup> Recommended for RJ45 connection located at the bottom of the Guardmaster Ethernet/IP Network Interface.

Topology Example

Dual Port Interfaces enable Linear topology on EtherNet/IP eliminating the costs associated with a centralized switch and additional cabling.



Physical Features



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