

MNPR[®] Communicating Relay with Ethernet

- Direct replacement for any WH or GE relay
- Local scrolling display Ethernet connection for secure remote communications
- Optical programming port for local setup and monitoring
- Auxiliary I/O - Up to 8 Analog Inputs, 4 Digital Inputs, 3 Digital Outputs
- Remote firmware upgradable while in service
- Interactive webpage for conguration and reporting
- DNP3 via RS485 serial or Ethernet, including SAV5



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Ethernet MNPR[®] Specifications

Networking/Security (Continued)

- User Accounts
 - Multiple User Roles
 - Administrator - Full Access
 - View Relay Data - View protective relay data and settings
 - Allow Relay Control
 - Operate (trip/close) relay and modify protective relay settings
 - View Network/Security Settings + Logs
 - View system settings (networking and security) and logs
- Logging
 - Local log storage
 - Forwarding to remote Syslog server
- Supported Protocols
 - Address Resolution Protocol (ARP)
 - Dynamic Host Configuration Protocol Client (DHCP)
 - Hypertext Transfer Protocol Secure (HTTPS)
 - Transport Layer Security (TLS)
 - Remote Authentication Dial-In User Service (RADIUS)
 - Lightweight Directory Access Protocol (LDAP)
 - Network Time Protocol Client (NTP)
 - Syslog
 - Secure Shell (SSH)
 - Encapsulating Security Payload (ESP)
 - Internet Key Exchange (IKEv1 / IKEv2)
 - Internet Secure Association and Key Management Protocol (ISAKMP)
 - Transmission Control Protocol (TCP)
 - Supported Congestion Control Algorithms:
Cubic, Reno, Westwood, Highspeed, Hybla, HTCP, Vegas, Veno, Scalable, LP, Illinois
 - User Datagram Protocol (UDP)

