

GS/DURAPULSE Accessories – Ethernet Interface

GS-EDRV100 Overview

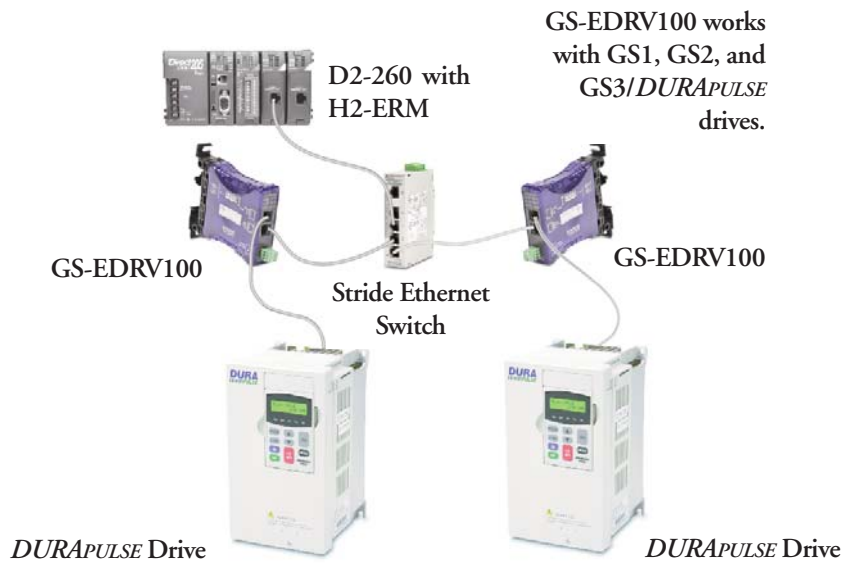
The GS-EDRV100 Ethernet interface provides a high-performance Ethernet link between a control system and any GS or DURAPULSE AC drive. The GS-EDRV100 processes signals to and from the drive, mounts on 35mm DIN rail, and connects the drive to an Ethernet hub or PC. It formats drive signals to conform with the Ethernet standard and transmits these signals to the H2-ERM or H4-ERM, Productivity3000, KEPDirect OPC Server, KEPDirect EBC I/O Server, or independent controller with a Modbus TCP/IP driver. This allows for greater connectivity to many control system architectures.

An additional feature is the built-in Web server which allows users to configure and control the drive from any Web browser via the IP address of the GS-EDRV100 card.

Note: The GS-EDRV100 requires an external 24 VDC power supply.

Automatic power shut-down

The GS series drives have a provision for shutting down control or power to the inverter in the event of a communications time-out. This function can be set up through the drive's parameter group 9.



GS-EDRV100 works with GS1, GS2, and GS3/DURAPULSE drives.

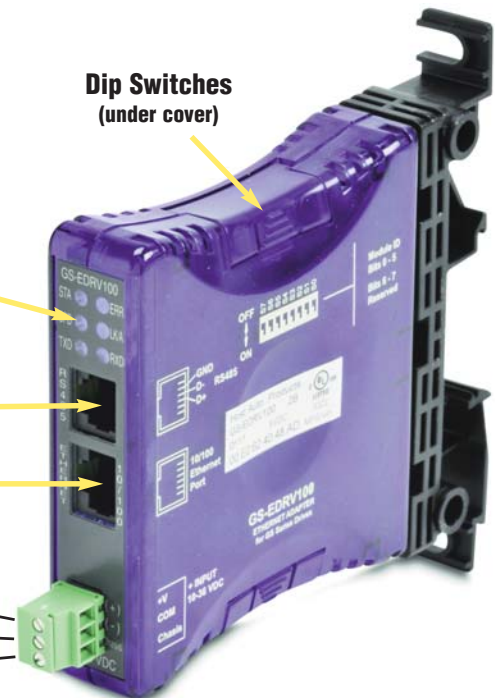
- LED Indicators**
- STA - Status
- SPD - 100Mbps
- TXD - Transmit
- ERR - Module Error
- LK/A - Link/Active
- RXD - Receive

Serial Port

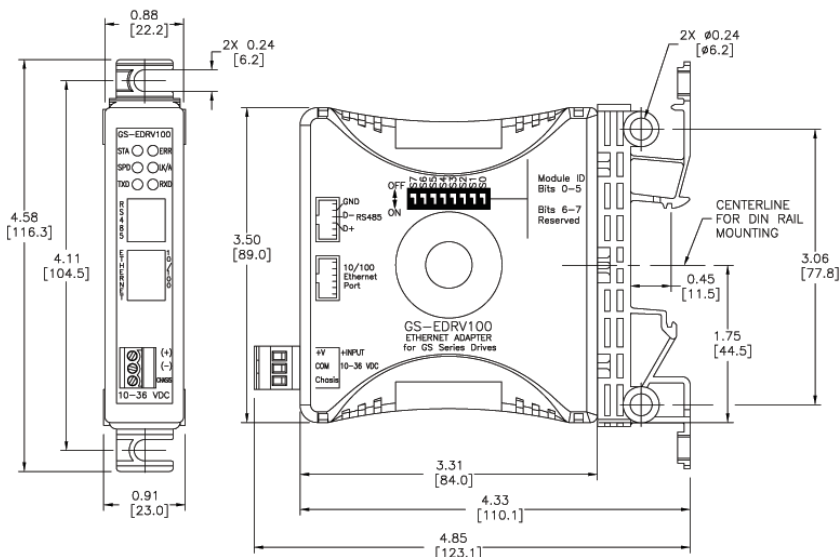
Ethernet Port

- Power Terminals**
- (Class 2 power recommended)**
- Positive connection (+) or +10-36VDC
- Negative connection (-) or 0VDC
- Chassis or system ground connection

Dip Switches
(under cover)



Dimensions: inches[mm]



Specifications

Part Number	GS-EDRV100
Price	<--->
Approvals	cUL Listed, file number E185989
Input Voltage	10-36 VDC
Input Current	50-220 mA
NOTE: Can be used with all series GS/DURApulse AC drives.	
NOTE: Package includes 2 ft. serial communications cable.	
NOTE: Mounts on 35mm DIN rail.	