GS1,GS2,GS3/*DURA*PULSE Accessories – Ethernet Interface

Note: GS1, GS2, GS3, & GS4 AC Drives only

GS-EDRV100 works with GS1, GS2, GS3, & GS4 *DURAPULSE* drives. It is also compatible with GS20 drives running in GS2 mode.

GS-EDRV100 Overview

The GS-EDRV100 Ethernet interface provides a high-performance Ethernet link between a control system for legacy GS1, GS2, GS3, or GS4 drives. The module will also work with GS20 drives that are running in GS2 mode. 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, or independent controller with a Modbus TCP/IP driver. This allows for greater connectivity to many control system architectures.
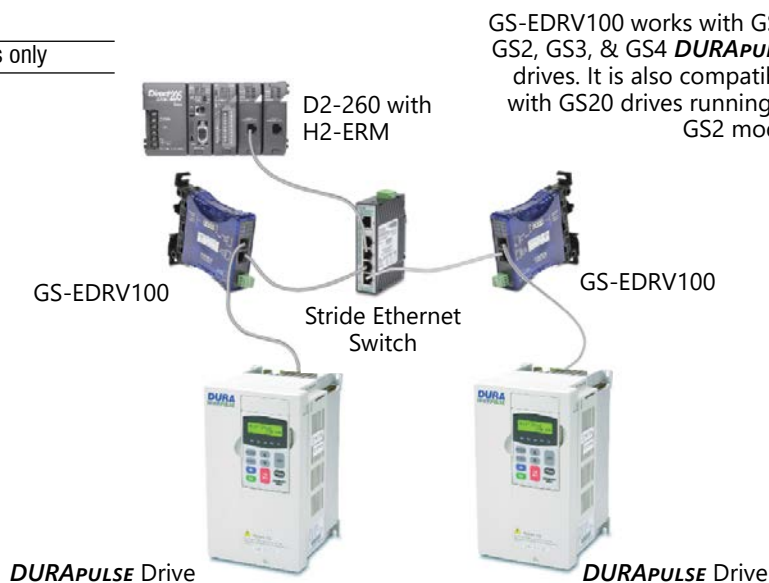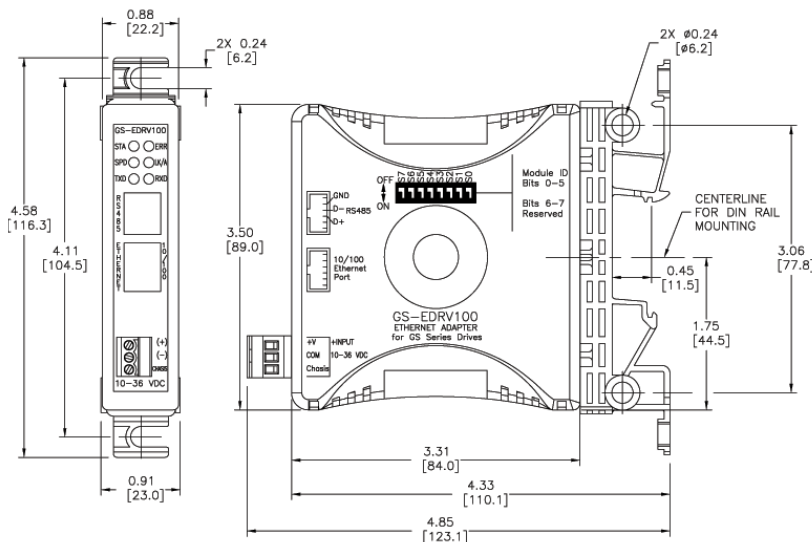
An additional feature is the built-in Web server which allows users to configure and control the drive from any Web browser via the IP address of the GS-EDRV100 card.

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.

Dimensions: inches[mm]

D2-260 with H2-ERM

GS-EDRV100

Stride Ethernet Switch

GS-EDRV100

DURAPULSE Drive

DURAPULSE Drive

DIP Switches (under cover)

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

0.88 [22.2]
2X 0.24 [6.2]
2X ⌀0.24 [⌀6.2]

4.58 [116.3]
4.11 [104.5]

3.50 [89.0]

Module ID Bits 0–5
Bits 6–7 Reserved

CENTERLINE FOR DIN RAIL MOUNTING

3.06 [77.8]
0.45 [11.5]
1.75 [44.5]

0.91 [23.0]

3.31 [84.0]
4.33 [110.1]
4.85 [123.1]
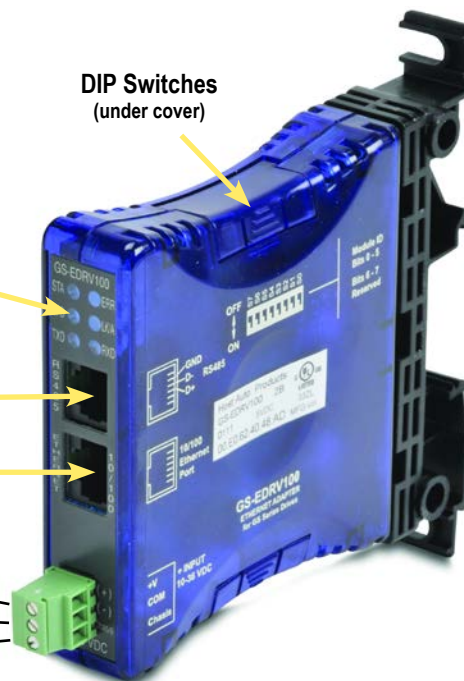
GS-EDRV100 Specifications	
Part Number	*GS-EDRV100*
Price	$274.00
Approvals	cUL Listed, file number E185989
Input Voltage	10–36 VDC
Input Current	50–220 mA

NOTE: Can be used with GS1, GS2, GS3, & GS4 series AC drives (also compatible with GS20 but only when in GS2 mode).
NOTE: Package includes 2-ft. serial communications cable.
NOTE: Mounts on 35mm DIN rail.