

Ethernet Gateway

MDrive® Serial products over Ethernet

For Ethernet network reliability using MDrive RS-422/485 Serial products. The ODVA compliant Ethernet Gateway provides an RJ45 port for Ethernet network control of an MDrive Serial product as a slave device.

Cables are available to quickly connect Ethernet Gateway and MDrive products via communication ports.

A provided TCP/IP Configuration Utility facilitates network parameter settings and operating mode selection. Additional functions include: basic ASCII/ANSI terminal emulation, direct entry of Modbus/TCP functions, user mapping of the EtherNet/IP assembly object and firmware upgrades.



> Key Features

- Ethernet-to-Serial converter: EtherNet/IP and ModbusTCP to RS-422/485
- Power input from +12 to +75 VDC
- ODVA compliant
- Compact size
- DIN-rail mount
- Standard TCP/IP stack with virtually unlimited nodes
- Dynamic mapping of assembly object
- Explicit and implicit messaging
- Open or optional closed loop control
- Programmable motor run and hold currents
- Graphical user interface provided for quick and easy configuration

Ethernet Gateway

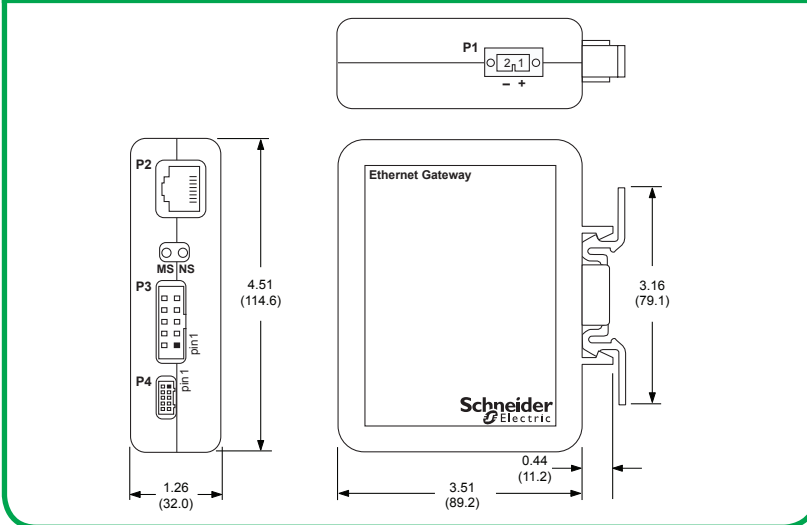
Specifications

Input power	Voltage	+12 to 75 VDC
Current draw	Typical	150 mA @ 12 V 75 mA @ 24 V 40 mA @ 48 V 30 mA @ 60 to 75 V
Thermal	Operating temperature, non-condensing	-40° to +85°C
Mounting	Type	DIN-rail
LEDs	Indicators	power, system status
Mass	oz	5.6
Communication	Protocols	EtherNet/IP (ODVA compliant) ModbusTCP (port 502) MCodeTCP (port 503)
	Baud rate	100 Mbps
	Default IP address	192.168.33.1
	Default subnet mask	255.255.0.0
	EtherNet/IP	Device class
	Message types	explicit or implicit

Ethernet network
via Cat5 cable



Dimensions in inches (mm)



- 1 DIN-rail mount
- 2 input power 2-pin terminal block, mating connector supplied
- 3 RJ45 Ethernet network
- 4 status LEDs
- 5 RS-422/485 10-pin IDC connector
- 6 RS-422/485 10-pin wire crimp connector

Ordering

Description	Part number
Ethernet Gateway (1)	
■ For MDrive Motion Control products	MD-CC700-000
Cables (1)	
Pre-wired with mating connectors.	Length ft (m)
■ Mates 10-pin wire crimp connectors	3.0 (1.0) H-CBL-IMS0567
■ Mates 10-pin IDC connectors	6.0 (2.0) MD-CS300-400
Connector kits	
For assembly of cables (cabling not supplied).	Sold in lots of
■ 10-pin wire cimp mating connectors	5 CK-02
■ 10-pin IDC mating connectors	5 CK-01

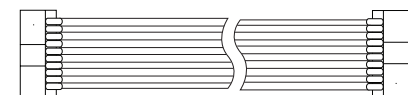
(1) Ethernet Gateway does not include cables or MDrive product.

wire crimp to wire crimp connector cable



H-CBL-IMS0567

IDC to IDC connector cable



MD-CS300-400

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