

drive.web speedy485

Low cost programmable control for drives

The innovative **drive.web** technology uses distributed control over Ethernet to provide cost effective, high performance integration for drives in systems of any size or complexity without the need for a PLC or supervisory computer. Intuitive configuration tools incorporate dynamic, graphical function block programming, drag & drop connections, powerful navigation features and self-documenting signal flow diagrams.

RS485 drive Interface



drive.web Ethernet
Modbus Ethernet

(approximate actual size)

speedy485 is a small, low cost **drive.web** distributed control processor with an Ethernet port and a non-isolated drive serial interface port. It mounts external to the drive and includes the following features:

speedy485 FEATURES

- **drive.web** distributed process control over Ethernet
- ModbusTCP/IP slave Ethernet connectivity
- Easy interface to operator stations, PLCs, etc.
- Small size, only 4.1" x 1.3" x 0.9"
- On board graphical signal flow drawing storage
- Internet IP addressing
- Drive parameter scaling
- Basic function block library with arithmetic, logic, full featured PI controllers, switches, clamps, utilities

speedy485 FIELD UPGRADABLE OPTIONS

- Process control function block library
- Winder control function block library
- Advanced math function block library

savvy GRAPHICAL FUNCTION BLOCK TOOLS

- Simple drag 'n drop connections
- Easy system navigation with drill down, jump, browse
- Optional signal flow documentation package



drive.web control technology

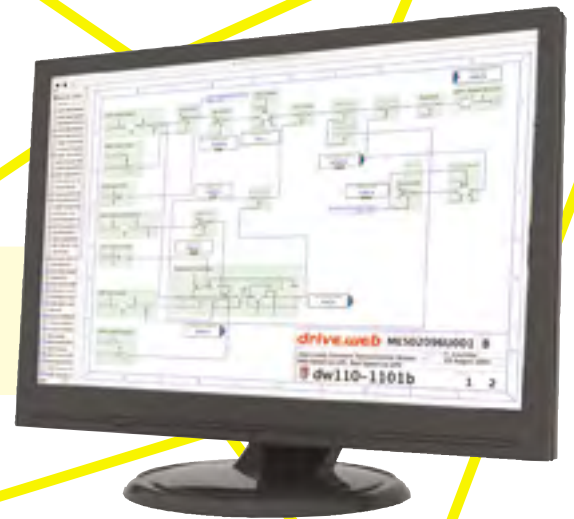
speedy485

Programmable Controller
ModbusTCP/IP slave <-> RTU master converter
Ethernet gateway
Internet gateway
Peer-to-peer networker
drive.web distributed control

Compact, robust package for industrial environments



Using the **drive.web savvy** programming tools you can test your ideas with “phantoms”, build cost effective drive systems of any size or complexity and create complete system graphical signal flow documentation. Get **savvy** free from www.driveweb.com and try it!



speedy485 Standard Features

ModbusTCP/IP slave Ethernet port
ModbusRTU master RS485 port
Basic control library with programmable function blocks for arithmetic, logic, PI control, switches, utilities
Intuitive graphical function block programming with complete onboard data storage

speedy485 Models:

dw117 **speedy485** generic drive version with user configurable ModbusRTU interface
dw118 **speedy485-o** for the Optidrive ODP sensorless vector drives
dw119 **speedy485-f7** for the Yaskawa F7 vector drives
dw120 **speedy485-v** for the new Yaskawa V1000 vector drives

speedy485 Options (field upgradable):

-05, Process Control Function Block Library
-06, Winder Control Function Block Library
-10, Advanced Math Function Block Library



drive.web

drive.web technologies 40 Log Canoe Circle, Stevensville, Maryland 21666 USA
www.driveweb.com phone: toll free US 1-888-667-7333, international +410-604-3400