drive.web

Experience the raw power of the new smarty[7]!

- **PLC replacement**
- **Designed and assembled in the USA**
- **Smart distributed control**
- **Peer-to-peer connections over Ethernet**

- unlimited i/o expansion
- Internet accessible
- 100% compatibility with all other drive.web devices
- savvy design, monitoring, and diagnostic tools
- DIN rail or screw-panel mounting options
- 60 plug-in terminals
- Dimensions: 0.7"x3.5"x4.7" [17.2mmx90mmx119mm] (WxHxD)
- Core Part# dw250-DM-S7

In Stock!

Applications Solved!

- Complex Logic Control
- Winders: slip core, open loop, closed loop with either dancer or loadcell feedback
- Digitally lock motors; two motor locking or multi-motor locking over Ethernet
- Position Control
- Advanced Motion Control
- Pump Control: single pump or multiple pumps
- Sun tracking for solar array control
- Multi-package, multi-trajectory conveyor tracking
- and much more!

Features:

- 8 Analog inputs (16 bit) or digital inputs 5 to 24VDC
- 8 Analog outputs, ±10VDC 10mA
- 8 24VDC Digital inputs (50VDC Max)
- 8 24VDC Digital outputs
- 6 Combined frequency, timing, event inputs 100kHz. Stepper, frequency, digital outputs, 30V 500kHz max.
- 1 Timing output, stepper, frequency, digital, 30V, 100kHz.
- 2x Encoder inputs: Quadrature, 2x AB or 1x ABZ (marker) 1MHz

- **5V supply output, 250mA max**
- **Registration control**
- **Motion Control Function Block**
- **State Machine Function Block**
- **Floating-point numbers and math**
- **ModbusRTU client (server optional)**
- **Modbus TCP/IP Client & Server**
- **EIP/PCCC Server**
- **savvyPanel touch screen controller**
- **Dedicated CANopen device options available**
- **Connect directly to Bardac P2 & E3 AC drives**
- **100baseTX Ethernet**
- **USB C interface**
- **Plug-in terminals**

<u>Your Bardac and *drive.web* favorites, now online:</u>

AC Vector Drives
- **P2 Series AC drives ship standard with conformal coating**
- **Safe Torque Off**
- **IP20, NEMA 12, and NEMA 4X**
- **230, 460, and 575VAC models**
- **Ratings through 400HP**
- **Solar version available with MPPT tracking**
- **Bright TFT display**
- ***drive.web* peer-to-peer Ethernet connectivity for real time communication between drives**
- **<u>Please consult Bardac for availability</u>**

AC Sensorless Vector Drives

- E3 Series drives are available in an outdoor rated NEMA 4X package through 30HP
- IP20 ratings through 50HP
- Single Phase in and Single Phase out
- 115, 230, and 460VAC models
- Reverse PID for solar applications
- *drive.web* peer-to-peer Ethernet connectivity for real time communication between drives
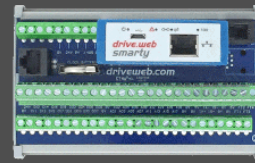- **Please consult Bardac for availability**

DC Drives

- Complete range of regenerative and non-regenerative DC drives, single and three phase input, with wide ranging current and voltage ratings.
- Available with fuses and contactors built in
- Up to 2000HP available for same day shipment
- *drive.web* peer-to-peer Ethernet connectivity for real time communication between drives
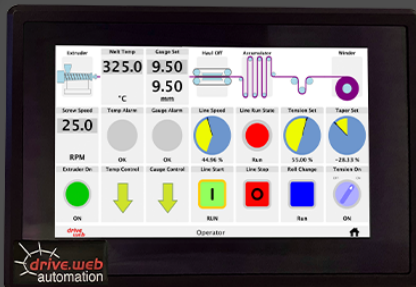- **IN STOCK!**

drive.web Automation Controllers with I/O

- High resolution analog I/O
- Ample digital I/O
- Frequency inputs (100kHz)
- Encoder inputs (500kHz)
- Pulse outputs (1MHz)
- Multiple motion control functions built into a DIN rail mounted package
- **IN STOCK!**

smarty³

smarty⁴

drive.web Touch Screen Operator Stations

- Plug and play, drive.web native
- NEMA 4 (IP65) splash-proof front
- IP20 rear
- Easy set up, competitively priced
- Crisp, high visibility graphics
- 1 Ethernet port 10/100baseTX
- Power supply 24VDC
- Working temp: -4 to 158F
- 5, 7, and 9.7" touch screens available
- **IN STOCK!**

and so much more!

Catalog items are typically *IN STOCK* and ready to ship same day (for orders placed before 4pm EST)!

Please call to confirm availability.

**Please click the icon above to download *savvy* for desktop.
Please Alternatively click below to download
savvyPanel on the iOS or Android appstores (respectively)**

iOS | *Android*

Need help with a project, click here!

bardac.com | driveweb.com
AutomationThings.com
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