



Bardac Smarty Universal Automation Controller Instruction Manual

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**Bardac Smarty Universal Automation Controller
Instruction Manual**



***NEW! smarty⁷ leads the pack
Beats any PLC and IN STOCK!***



Please call or email with inquiries today! orders@bardac.com | +(410) 604-3400
Hold the track the way you want

- edge pack DIN – for high density installations
- flat pack DIN – for low profile mounting

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3.1 References

Winning Performance

- performs complex motion control functions & logic in milliseconds
- encoder pulses up to 1 MHz with 64 bit count
- shares encoder pulses in real-time between units over Ethernet
- 60 plug-in terminals in 0.82" x 3.62" x 4.73" (21x91x120mm)
- cost effective in systems of any size or complexity
- floating point or integer math
- clock time & date with SNTP server interface
- unlimited units in one homogenous environment
- savvy tools with trending, smart phone interface, drag & drop connections

Ethernet Distributed Automation Controller

- 100baseTX Ethernet with drive. web peer-to-peer networking
- USB-C port – provides system-wide access to all devices (e.g. drives, controllers, touch screens, etc.)
- Battery holder for real time clock

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Your Bardic and drive. web Favorites, now online:

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
- Please consult Bardac for availability



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





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 or below for savvy Panel on the iOS/Android app stores (respectively)

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Android

Need help with a project, click here!


bardac.com | driveweb.com AutomationThings.com

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Documents / Resources

	<p>Bardac Smarty Universal Automation Controller [pdf] Instruction Manual Smarty Universal Automation Controller, Universal Automation Controller, Automation Controller, Controller</p>
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References

- [AT Automation Things - AC Drives, DC Drives & Automation Controllers](#)
- [AT Automation Things - AC Drives, DC Drives & Automation Controllers](#)
- [B AC Drives, DC Drives, Motors & Control Technology | Bardac Drives](#)
- [B AC Drives, DC Drives, Motors & Control Technology | Bardac Drives](#)
- [📺 Internet-Accessible Distributed Control Technology | drive.web](#)
- [📺 Internet-Accessible Distributed Control Technology | drive.web](#)
- [AT Automation Things - AC Drives, DC Drives & Automation Controllers](#)
- [B AC Drives, DC Drives, Motors & Control Technology | Bardac Drives](#)
- [B E3 Series - General Purpose Variable Frequency Drive | Bardac Drives](#)
- [B P2 Series - Systems Vector Drives up to 400HP | Bardac Drives](#)
- [B DC Drives - Analog & Digital 3-Phase DC, Single Phase | Bardac Drives](#)
- [B Quote Request | Bardac Drives](#)
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