

Networked Drives

only from Dart Controls

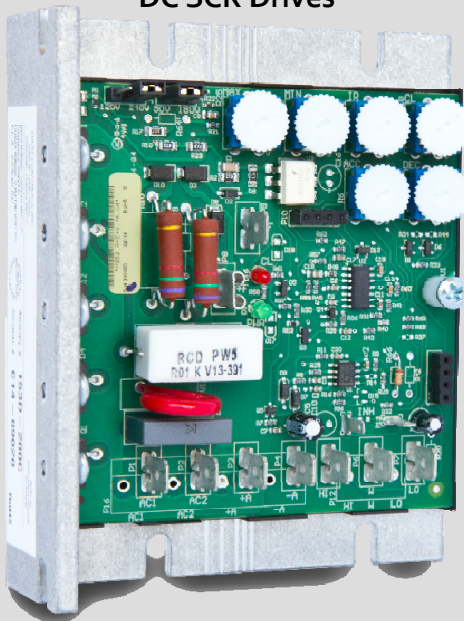
ModbusRTU Serial Interface options for OEM SCR and BLDC drives are now available from Dart Controls.

These options add powerful control capability to existing SCR and BLDC drives, and support initiatives such as remote access/support, tablet/smart phone app development, and data acquisition and validation.



730BDC/731BDC
Brushless DC Drives

153D-C Series
DC SCR Drives



Customers have asked us: "Why Modbus – why not Ethernet?". There are three reasons:

- Large installed base of plc/HMI/SCADA products that support Modbus – AND Ethernet
- Security – Ethernet security is improving but not yet finished
- Ethernet is overkill for simpler SCR and BLDC drives – adding unnecessary cost & complexity

- ModbusRTU
- Set and get control data
- Supports multi-drop
- Saves installed cost
- Increases control ability
- Enables remote access
- Enables apps
- Supports IIoT



Dart Controls, Inc.
5000 W. 106th Street
Zionsville, IN 46077 USA

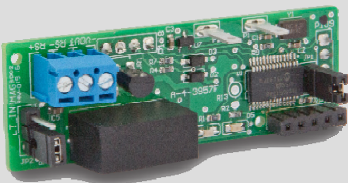
317-873-5211
sales@dartcontrols.com
www.dartcontrols.com

Capabilities Enhanced



Modbus RTU Serial Interface Drives:

730BDC-RTU
731BDC-RTU
153D-25C-M51
153D-200C-M51



Feature	730/731BDC-RTU	153D-M51
Set Speed	√	√
Set Accel	√	√
Set Decel	√	√
Inhibit Drive Output	√	√
Power Up Preset Speed	√	√
Read Actual Motor Speed	√	√*
Set Comm's Baud Rate	√	√
Set Motor Direction	√	
Drive Fault Status	√	√
Drive Ambient Temperature	√	√
Drive in Current Limit		√
Drive Status – Auto/Manual	√	√

* encoder required

- Servo-like control capability
- Installation savings – labor, hardware, wiring, I/O count and power consumption
- Secure, reliable Modbus communications
- Preserves value of existing plc/HMI/SCADA investments while enhancing capability
- Supports IIoT/Industrie 4.0 implementation, as well as Bluetooth / wireless / cellular connected apps, monitoring and support