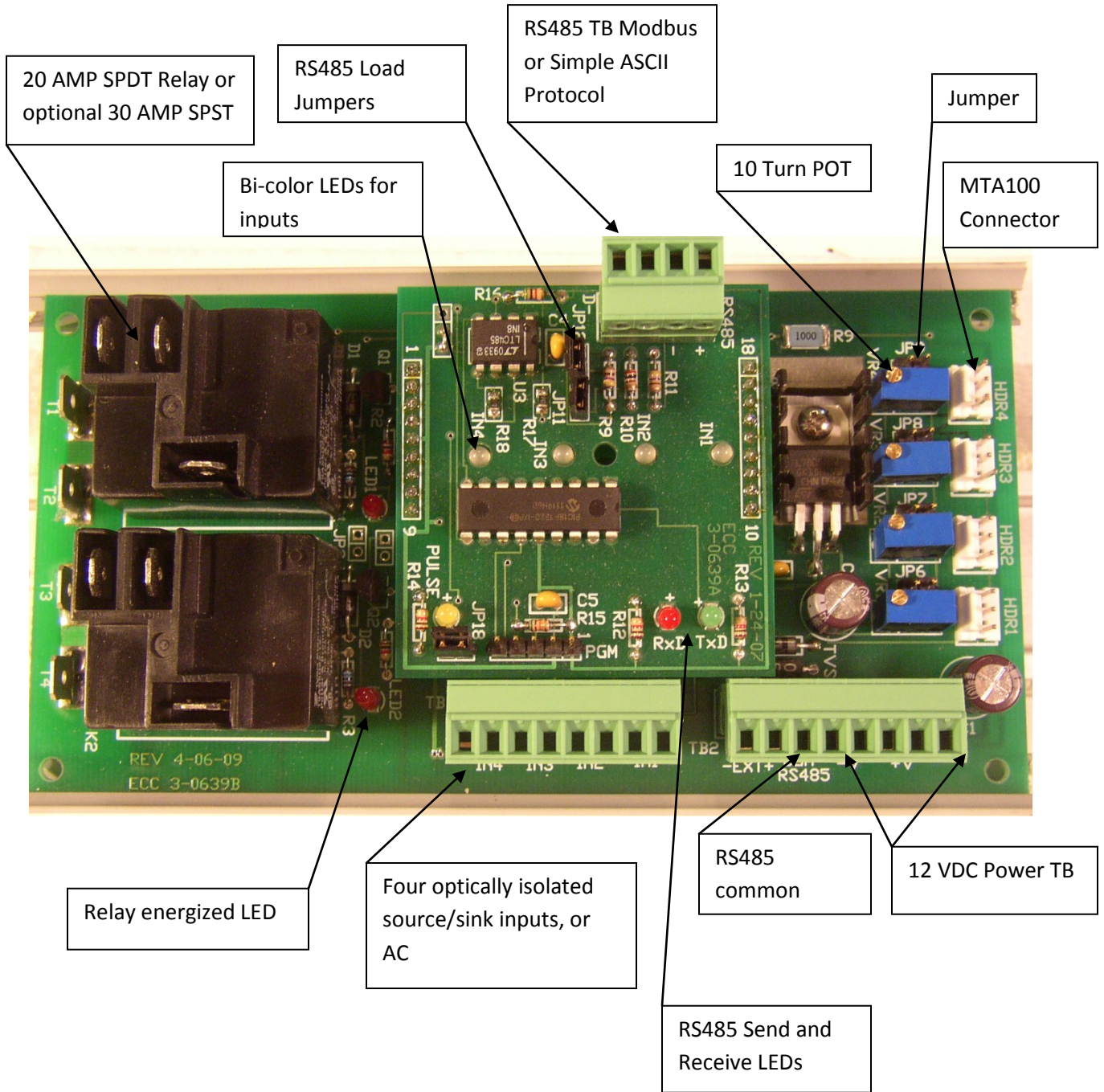


DCB1320 Features:

October 23, 2013



Model: DCB1320-12 for 12 VDC optically isolated inputs.

Model: DCB1320-120 for 120 VAC optically isolated inputs.

Other Features:

- On board regulator so input power does not have to be regulated. Can use 12 – 20 VDC wall adapter @ 200 MA.
- Operating temperature -40 to +85°C.
- Can be switched from Modbus to Simple ASCII Protocol.

Default Configuration:

- Modbus RTU
- Slave address 1.
- 19.2K baud.
- 8 data bits, 2 stop bits
- 4, 10 bit ADC inputs.
- Opto Inputs configured for AC filtering – can be configured for DC.

Windows configuration program:

Free program runs on XP and Windows 7 operating systems. Program is used to configure individual DCB1320 units, to test individual units, or can be used to control a network of units.

Four MTA100 connectors provide the following options:

- Four, 10 bit ADC inputs (default).
- Each port can be configured as analog or digital.
- If configured as digital, the default is TTL level input.
- If configured as digital, it can be further configured as TTL level output.

The MTA100 connectors provide an external connection for 0 to 5 VDC analog inputs. If an external input is not used, each input channel also has a 10 turn potentiometer that can be jumpered in to provide parameter settings such as tank high level, maximum pressure etc.

Mounting:

The DCB1320 can be panel mounted, three inch Snaptrack mounted, or DIN Rail mounted. The circuit board is 2.95 x 5.75 inches.

See DCB Manual for additional information.