







### Warning!

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### Encoder Interface Features

-  EIA-422/485/line driver encoder receivers.  $\pm 2V$  to  $\pm 24V$  max, 800kHz max.
-  Wide supply Voltage range, 20V to 35Vmax.
-  Encoder signals are retransmitted as differential signals  $\pm(V_{supply} - 2V)$  to  $\pm 24V$  max .
-  5V, 200mA max. regulated output provided to supply the encoder.



### Encoder Interface Installation

**Weight:** 150g (5.3oz)

**DIN Rail Mounting.** Use standard 35x7.5mm rail per IEC 60715 or EN50022.

**Environment:** Clean Air, Operating Temp. 0C min to 50C max.

Storage Temp. -20C min to 80C max.

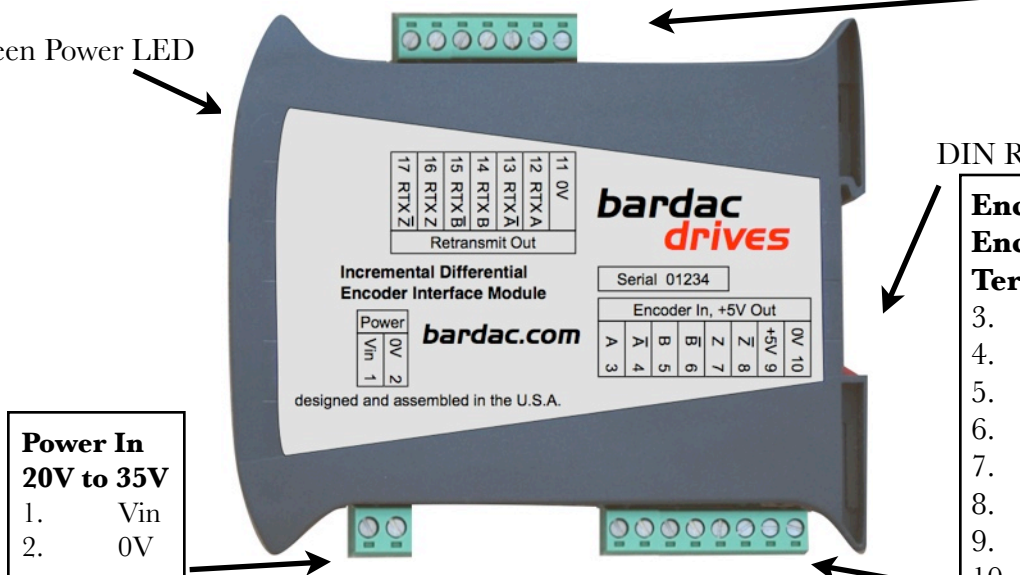
Humidity less than 95% Non-condensing.

**Terminal Wiring:** Strip 7mm(0.28") or use ferrules. Use 0.2mm<sup>2</sup>(AWG24) minimum. One wire, 2.5mm<sup>2</sup>(AWG12) maximum. Two wires, 1.5mm<sup>2</sup>(AWG14) maximum. Two wires with ferrules, 1mm<sup>2</sup>(AWG18) maximum.

**Terminal Tightening Torque:** 0.5 N·m (4.4 in·lbs)

Data Out Terminal Block	
11.	0V
12.	A
13.	/A
14.	B
15.	/B
16.	Z
17.	/Z

Green Power LED



DIN Rail Clip

Encoder Signal In, Encoder Power Out, Terminal Block	
3.	A
4.	/A
5.	B
6.	/B
7.	Z
8.	/Z
9.	+5V
10.	0V

Power In 20V to 35V	
1.	Vin
2.	0V

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