Recommended Accessories

Model MDR-40-12
12 VDC, 3.4 A Power Supply
DIN Rail Mount

B+B SmartWorx
Powered by ADVANTECH

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QUICK START GUIDE

CANOP

CAN (Control Area Network) Optical Isolator

Before you begin, be sure you have the following:

+ CANOP (included)
+ 12 VDC power supply (required, not included)

B+B SmartWorx
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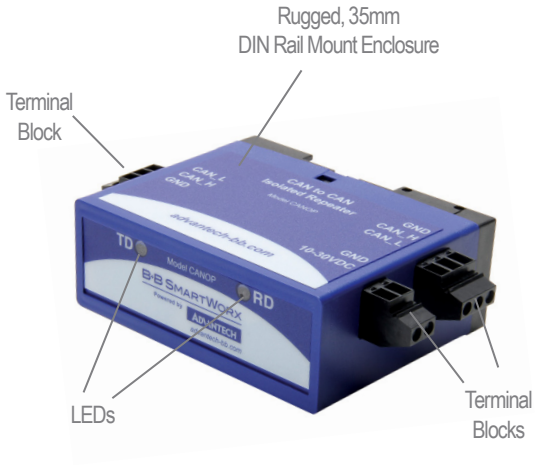
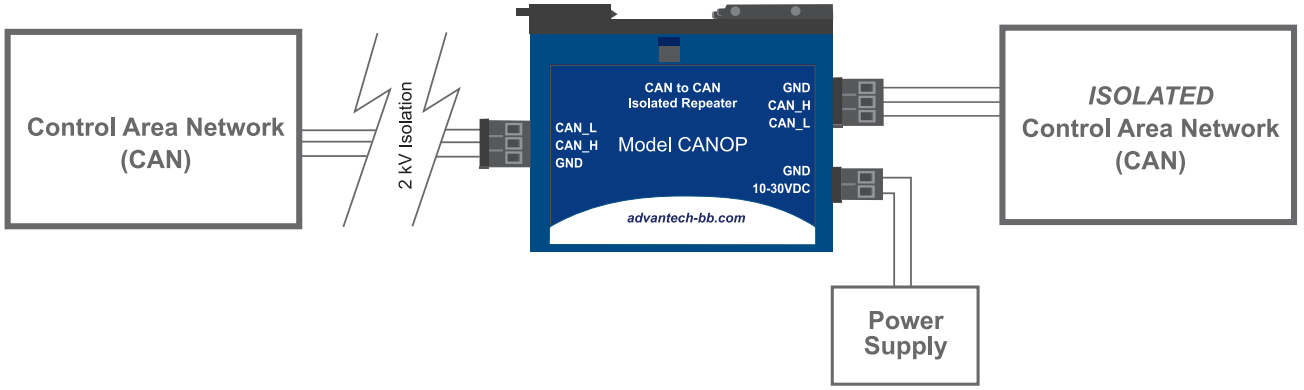
Fast and easy on the web: www.advantech-bb.com

Product Overview



+ 2000V optical isolation protection



1 Connections

+ The CANOP creates two new ends to the CAN network.

+ Connections are made via terminal blocks.

+ A 10-30 VDC power supply is required (sold seperately).

2 Termination

+ The CAN network must be terminated at both ends according to CAN specifications.

+ Space is provided on the board on each side, R6 and R8, for a termination resistor. A 120 Ohm resistor is recommended for the termination.

NOTE: Networks not properly terminated may have data errors, or miss the data completely. If the CANOP is not at the end of the network, it should not be terminated.

2 Baud Rates

+ Maximum Baud Rate: 250 kbps

+ The CANOP is bit-wise enabled, allowing it to automatically adjust for different baud rates.

+ Bit-Wise Enable only enables the driver on every low bit received. It also disables the driver on the Receive side for the low bit, plus a maximum of 2µ seconds. This prevents data from echoing back from the CANOP, but allows the nodes to respond back.