

I/OCA Series **B2SNAP-IDC50**

Maximum Control - Provides interface for up to 8 Standard Digital I/O Modules.

- Complete I/O isolation (point to point)
- Input and Output configuration(s)
- Wide Range of I/O module type support:
 - Brentek's High Current Output Modules
 - G-Series, G4, G5, C4
 - SM, M, 70M
 - 0.6", Classic, 70,

INTERFACES SNAP-I/O™ TO INDUSTRY STANDARD I/O MOUNTING RACKS



Description

Brentek's B2SNAP™ Adapter provides the interface between an Opto 22 SNAP-I/O™ Unit and Industry Standard I/O Mounting Racks allowing System Integrators to use standard I/O modules giving added control capability to a SNAP type Brain-driven control system.

The B2SNAP-IDC50 board plugs into any 4 or 8 position Industry Standard I/O mounting rack and provides the interface for up to eight discrete I/O modules, one SNAP position and one B2SNAP-20C ribbon cable for every four standard I/O modules

Part Numbering

B2SNAP-IDC50 Adapter Board

(requires one cable for each 4 I/O points.)

Note: One SNAP module position provides four I/O points

B2SNAP-20C Ribbon Cable 6" long

B2SNAP-20C-L18 Ribbon Cable 18" long

SNAP-I/O™ is a trademark of Opto 22. All other trademarks belong to their respective owners.

Installation and Application

To install the B2SNAP™ Adapter, plug directly into the 50 pin IDC interface connector of any standard I/O mounting rack. Then install one or two B2SNAP-20C cables between the adapter board and the SNAP-I/O™ Unit.

Discrete I/O module positions are labeled on the Adapter board (POS 0-3, POS 4-7) and correspond to the individual I/O module position of the standard I/O rack.

Design Notes:

1. Any SNAP module position may be used to control the corresponding group of four discrete I/O modules and should be configured by the SNAP control Firmware as to the module type(s) and the corresponding SNAP I/O points .

(Example: To control four Brentek p/n G-8AMP5 High current output modules via SNAP I/O position 6, a B2SNAP-20C Ribbon Cable is installed from SNAP position 6 to B2SNAP-IDC50 Adapter Board (POS 0-3) connector. The Unit's Firmware I/O configuration is then assigned for a FORM A Relay Module (i.e. SNAP-ODC5RFM) and each of the I/O Points are assigned for their specific use. Positions 0-3 corresponding discrete I/O modules will now be controlled.)

2. Each group of four discrete I/O modules must be of same or similar type (e.g. all 4 outputs or all 4 inputs) and will be controlled as if it were a SNAP module.
3. Up to two B2SNAP-20C Ribbon Cables may be installed to provide control for up to eight discrete I/O points (four points per cable).

FOR DIN RAIL MOUNTED SYSTEMS AND MAXIMUM I/O FLEXABILITY, use *Brentek* Model UNI-816-DIN Mounting rack for compatibility with all single and dual Standard I/O module types and DIN Rail Mounting (as shown on sheet 1 of 2).