



The BradControl™ Block I/O system provides an IP20 I/O interface solution for open network fieldbuses such as PROFIBUS®, DeviceNet™ and Ethernet. Features include expandability, high-density design & DIN rail mounting.

Relay Output Module

8 Contacts – 230 VAC, 2A

Features

- Expandable in-cabinet IP20 I/O
- Comprehensive selection of digital and analog I/O interfaces
- Easy field replacement of modules
- Direct wire couplings for assembly cost savings
- Space-saving construction
- High-density design
- Ribbon cable connections between modules
- User markable identification
- LED channel status indication
- Two SPDT contacts
- Six SPST NO contacts



Overview

The BradControl IP20 Block I/O system is an effective way to connect industrial I/O devices to a PLC or PC controller over an industrial fieldbus network such as PROFIBUS. The BradControl I/O interface solution is comprised of a network adapter and up to 32 expansion modules mounted in an enclosure close to the field devices. The ribbon cable based expansion bus, which handles inter-module communication, operates at 11 Mbd, is permitted to be 6.5 meters in length, and accommodates a maximum of ten groups of modules.

A wide range of control system interface requirements are met with the availability of 24 VDC powered digital input, digital output, relay output, analog input and analog output modules.

Relay Output Module

The BradControl BCB-FRO-081 has 8 relay outputs. For different applications, 2 break contacts (normally closed) and 6 make contacts (normally open) are available. Together with the labeling fields for the individual outputs, LEDs show the current status.

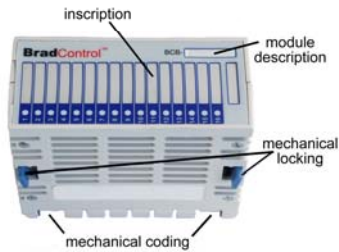
Relay Output Module



Components

The modular I/O is a combination of the function and terminal modules.

Function Module:



Terminal Module:



Hardware Specifications

Part Number	BCB-FRO-081
Number of Relays	8
Switching Range	18 – 30 V DC
Minimum Switching Voltage	Make contact : 5 mA, break contact : 10.5 mA
Switching Capacity	220 V AC / 2 A
Relay Type	6x make (NO) contacts – 2x break (NC) contacts
Status Display	Yellow LEDs
Switching Time	< 10 ms
Operating Temperature	0 – 60°C (32 - 140°F)
Relative Humidity	0 – 95% non-condensing

Ordering Information

Part Number	Product Description
BCB-FRO-081	Relay output module
BCB-TRO-051	Terminal module required for BCB-FRO-081

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