

EMS-SIO-DI-BOP

Digital Input Termination Accessory for the EMS-SIO-3 Series Smart I/O Interface Device



Overview

The EMS-SIO-DI-BOP is the Digital Input Break-Out Panel for the EMS-SIO-3 Series smart I/O interface device. The EMS-SIO-DI-BOP enables the installer to easily connect up to 32 digital inputs into the EMS-SIO-3 Series panel via spring-loaded terminations. The EMS-SIO-DI-BOP can be located remotely to the EMS-SIO-3 Panel at installations where it will minimize digital (dry contacts) wiring costs.

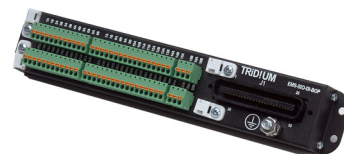
To connect between the EMS-SIO-DI-BOP and the EMS-SIO-3 Series panel, the installer can use easily installed, economical and widely available standard cables.

Features

- Provides 32 Digital Inputs, mountable on rack or where convenient
- Easy access for termination utilizing industry standard removable terminal blocks
- Standard one cable connect/disconnect allows wiring checkout without risk to electronics
- Common ground to avoid ground loops/faults
- Site Manager can be configured to monitor for a cable fault or disconnect between the EMS-SIO-DI-BOP and EMS-SIO-3.

Applications

The EMS-SIO-DI-BOP is a digital input panel used in conjunction with EMS-SIO-3 Series Alarm & Monitoring Panels designed for mounting on rack close to the EMS-SIO-3 Series panel or for mounting remotely to minimize wiring costs when appropriate. The EMS-SIO-DI-BOP is connected to the EMS-SIO-3-AS using a standard 25-pair unshielded twisted pair, CAT3 rated cable with 50 Pin Centronics connectors. The cable required needs female connectors on each end.



Specifications

32 Isolated Digital Input Channels

- Each DI Monitors Dry Contacts, Normally Open (NO) or Normally Closed (NC) Configurable in Site Manager Software

Power Supply

- Passive Device: with provided earth grounding stud.

Chassis

- Construction: Heavy-duty steel chassis.
- Dimensions: 10.250" (260.35mm) wide x 1.500" (304.8mm) deep x 1.730" (43.94mm) high.
- Dimensions with 90° Plug: 10.250" (260.35mm) wide x 2.000" (50.80mm) deep x 1.730" (43.94mm) high.
- Weight: Net 0.5 lbs. (0.223 kg).

Environment

- Operating temperature range: 0° to 60°C (32°F to 140°F).
- Storage Temperature range: 0° to 70°C (32°F to 158°F).
- Relative humidity range: 5% to 95%, non-condensing.

Agency Listings

- RoHS
- WEEE (Waste of Electrical Electronics Equipment)
- CE

Ordering Information

Part Number	Description
EMS-SIO-DI-BOP	Unit can also be ordered with EMS-SIO-3-AS and Cables of various length