



## In-Line Fault Module (IFM) MSE00400



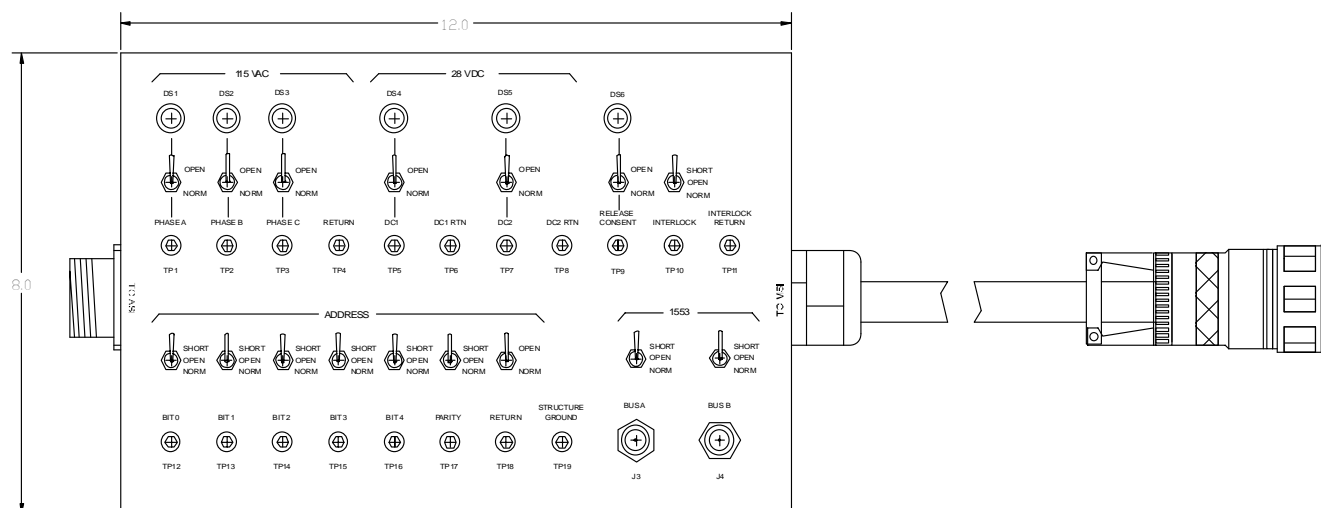
### Overview

The In-Line Fault Module (IFM) is a MIL-STD-1760 break-out box with the capability to insert electrical faults (i.e. open and short circuit) conditions in-line between a platform and munition or munition simulator under test.

The IFM is utilized in-line between a platform and 1760 store and has front panel switches for controlling the state of signal interfaces (e.g. 115VAC, DC 1 and 2, RC, Interlock, Address, and 1553 interfaces). Front panel indicators are provided for monitoring the On/Off state of interface 115VAC, DC1, DC2, and RC. Test points are provided for monitoring all power and discrete interfaces as well as 1553 Bus A/B.

### Features

- MIL-STD-1760 Test Support Equipment
- Utilized In-Line Between Platform and 1760 Store
- Switches for Controlling State of Signal Interfaces
- Indicators for Monitoring 115VAC and 28VDC Power
- Test Points for Monitoring Power/Discrete Interfaces
- Twinax Connectors for Monitoring 1553 Bus A/B
- Umbilical Cable Interface to Unit Under Test



## SPECIFICATIONS

### Switches

- 115VAC Phase-A/B/C, Open/Normal
- 28V DC1, DC2, Open/Normal
- Release Consent, Open/Normal
- Interlock, Short/Open/Normal
- Interlock Rtn, Open/Normal
- Address Bits 0-4 and Parity, Short/Open/Normal
- 1553 Bus A/B, Short/Open/Normal

### Test Points

- 115VAC Phase-A/B/C and Neutral
- 28V DC1, Rtn-DC1, DC2, Rtn-DC2
- Release Consent
- Interlock, Rtn-Inlk
- Address Bits 0, 1, 2, 3, 4, Parity, Rtn
- Structure Gnd
- Twinax Connectors for 1553 Bus A/B

### Indicators

- 115VAC Phase-A/B/C
- DC1, DC2
- Release Consent

### Interface Characteristics

- MIL-STD-1760 Plug to Jack Arrangement (standard)
- D38999/26WJ20PN Plug on 5 ft (standard) Umbilical Cable
- D38999/20WJ20SN Jack on Breakout Box
- Custom Builds Available

### Dimensions

- 12"x8"x3" (LxWxH) excluding umbilical cabling/connectors

### Weight

- 7.0 lb

WINTEC, Incorporated  
220 Eglin Parkway SE, Suite 4  
Fort Walton Beach, FL 32548  
(850)664-6203  
(850)664-6295 Fax