



# IB SERIES

## POWER ENTRY MODULE EMI FILTERS



### INTRODUCTIONS

1. Power module incorporates an IEC connector, single or double-fuse (IEC 5 x 20mm) holder, and double-pole power switch, plus an EMI filter all-in-one easy-to-install unit.
2. All part numbers are UL recognized, CSA certified and VDE approved.

### COMPONENTS

| PART NO. | Cx (uF) | L (mH) | Cy (pF) | R (Ohm) |
|----------|---------|--------|---------|---------|
| 01IB2D   | 0.22    | 7.5    | 2200    | 1M      |
| 01IB2S   |         |        |         |         |
| 03IB2D   |         | 2.0    |         |         |
| 03IB2S   |         |        |         |         |
| 06IB2D   |         | 0.45   |         |         |
| 06IB2S   |         |        |         |         |

### MINIMUM INSERTION LOSS IN dB

| COMMON MODE (L-G) IN 50 OHM SYSTEM       |               |      |     |     |    |    |
|------------------------------------------|---------------|------|-----|-----|----|----|
| CURRENT RATING                           | FREQUENCY-MHz |      |     |     |    |    |
|                                          | 0.15          | 0.50 | 1.0 | 5.0 | 10 | 30 |
| 1A                                       | 28            | 40   | 40  | 35  | 35 | 35 |
| 3A                                       | 15            | 30   | 35  | 35  | 40 | 25 |
| 6A                                       | 8             | 15   | 20  | 32  | 40 | 25 |
| DIFFERENTIAL MODE (L-G) IN 50 OHM SYSTEM |               |      |     |     |    |    |
| 1A                                       | 10            | 20   | 28  | 35  | 38 | 35 |
| 3A                                       | 8             | 15   | 20  | 30  | 35 | 35 |
| 6A                                       | 5             | 15   | 20  | 35  | 40 | 35 |

### TYPE & RATED CURRENT

| DELTA PART NO.            | 01IB2D | 03IB2D | 06IB2D | 01IB2S | 03IB2S | 06IB2S |
|---------------------------|--------|--------|--------|--------|--------|--------|
| RATED CURRENT 115VAC      | 1A     | 3A     | 6A     | 1A     | 3A     | 6A     |
| 250VAC                    | 1A     | 3A     | 6A     | 1A     | 3A     | 6A     |
| IEC CONNECTOR             | Δ      | Δ      | Δ      | Δ      | Δ      | Δ      |
| FUSE                      | DOUBLE |        |        | SINGLE |        |        |
| •DOUBLE-POLE POWER SWITCH | DOUBLE |        |        | DOUBLE |        |        |
| ELECTRICAL SCHEMATIC      | FIG. A |        |        | FIG. B |        |        |

• UL, CSA, VDE approved current rating: UL/CSA-10A both at 125VAC and 250VAC: VDE-4A/250VAC.  
Electrical lifetime: 10,000 cycles.  
Maximum inrush current: 51A.

### MECHANICAL CONSTRUCTION



IB2D

### SPECIFICATIONS

1. Maximum leakage current each line-to-ground @ 115VAC 60Hz: 0.2mA  
@ 250VAC 50Hz: 0.4mA
2. Hipot rating (one minute)  
line-to-ground: 2250VDC  
line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

### ELECTRICAL SCHEMATIC

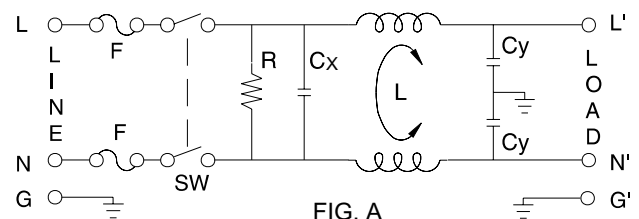


FIG. A

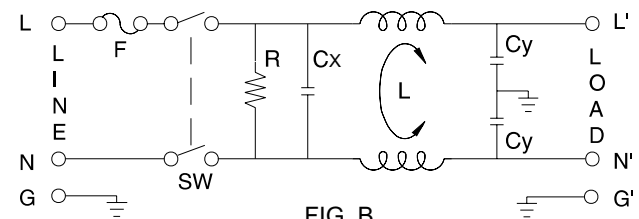
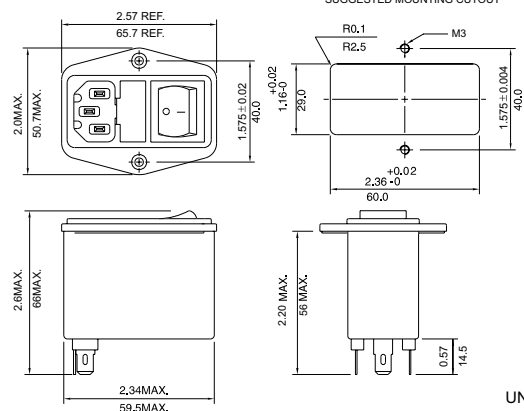


FIG. B



UNIT: INCH  
MM