



**AB SERIES**

## COMPACT IEC CONNECTOR 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 and CSA certified.

### COMPONENTS

| PART NO. | Cx (uF) | L (mH) | Cy (pF) | R (Ohm) |
|----------|---------|--------|---------|---------|
| 01AB2D   | 0.22    | 10.5   | 2200    | 1M      |
| 01AB2S   |         |        |         |         |
| 03AB2D   |         | 2.5    |         |         |
| 03AB2S   |         |        |         |         |
| 06AB2D   |         | 0.8    |         |         |
| 06AB2S   |         |        |         |         |

### MINIMUM INSERTION LOSS IN dB

| COMMON MODE (L-G) IN 50 OHM SYSTEM       |               |     |     |     |    |    |
|------------------------------------------|---------------|-----|-----|-----|----|----|
| CURRENT RATING                           | FREQUENCY-MHz |     |     |     |    |    |
|                                          | .15           | .50 | 1.0 | 5.0 | 10 | 30 |
| 1A                                       | 30            | 35  | 40  | 40  | 40 | 35 |
| 3A                                       | 20            | 25  | 30  | 40  | 40 | 35 |
| 6A                                       | 10            | 15  | 20  | 35  | 40 | 35 |
| DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM |               |     |     |     |    |    |
| 1A                                       | 8             | 20  | 30  | 40  | 40 | 35 |
| 3A                                       | 7             | 15  | 25  | 40  | 40 | 35 |
| 6A                                       | 5             | 15  | 20  | 35  | 40 | 35 |

### TYPE & RATED CURRENT

| DELTA PART NO.              | 01AB2D | 03AB2D | 06AB2D | 01AB2S | 03AB2S | 06AB2S |
|-----------------------------|--------|--------|--------|--------|--------|--------|
| RATED CURRENT 115VAC        | 1A     | 3A     | 6A     | 1A     | 3A     | 6A     |
| 250VAC                      | 1A     | 3A     | 6A     | 1A     | 3A     | 6A     |
| IEC CONNECTOR               | △      | △      | △      | △      | △      | △      |
| FUSE                        | DOUBLE |        |        | SINGLE |        |        |
| • DOUBLE-POLE POWER SWITCH  | DOUBLE |        |        | DOUBLE |        |        |
| ELECTRICAL SCHEMATIC (FIG.) | A      |        |        | B      |        |        |

- UL & CSA approved current rating: UL/CSA-10A.
- Electrical lifetime: 10,000 cycles.
- Maximum inrush current: 51A.

### MECHANICAL CONSTRUCTION



AB2D

### 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

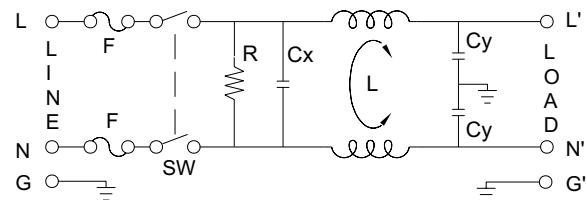


FIG. A

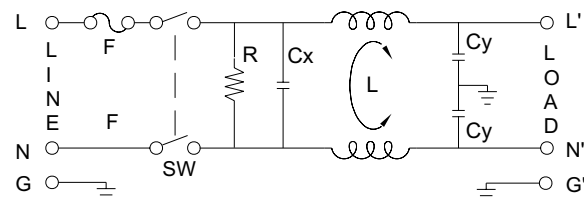
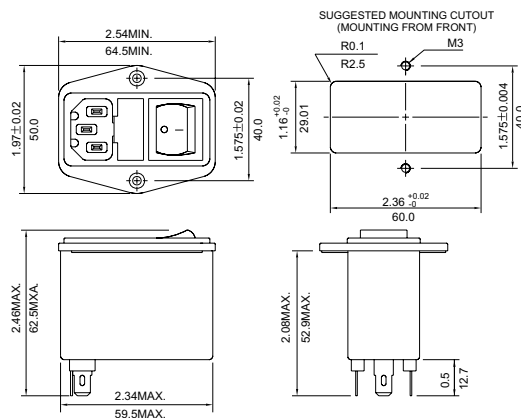


FIG. B



UNIT: INCH  
MM