



## DELTA AB2S Compact IEC Connector Filters Instructions

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### DELTA AB2S Compact IEC Connector Filters Instructions



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## 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 50OHM 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

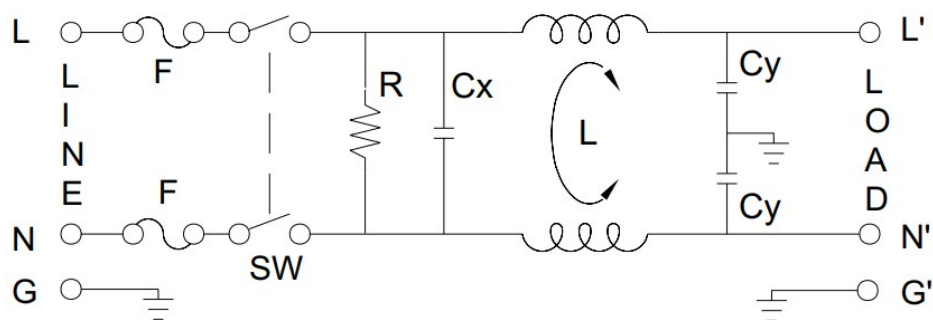
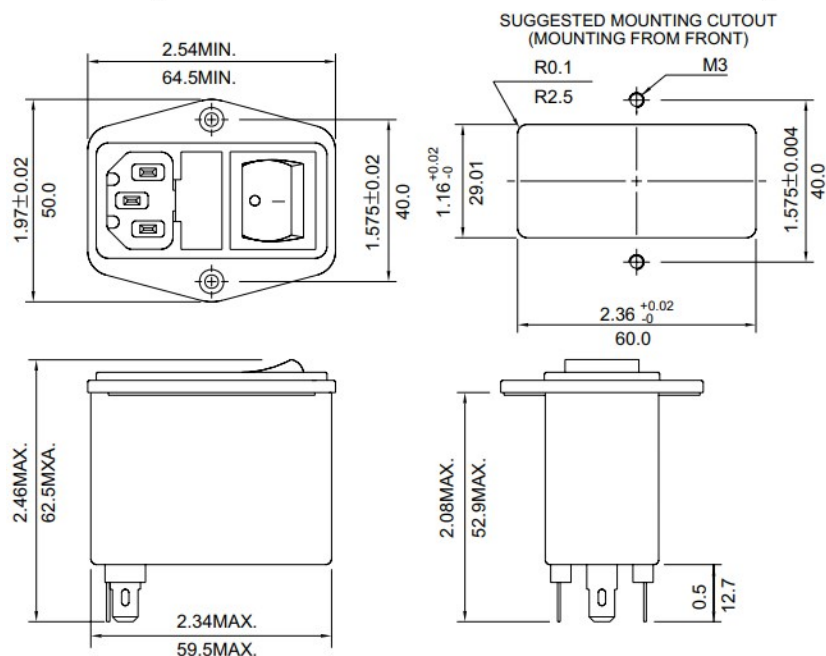
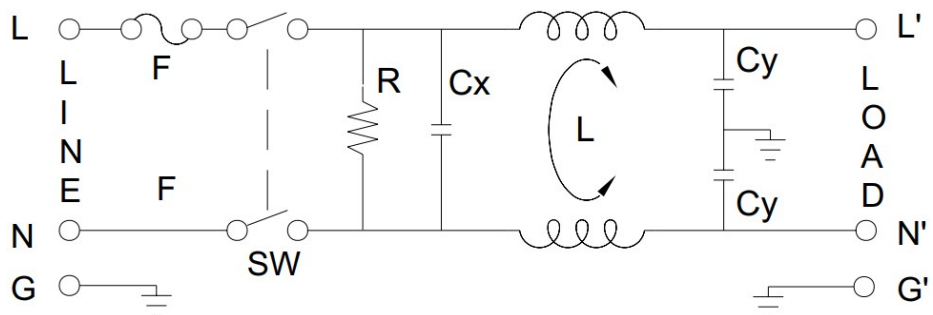
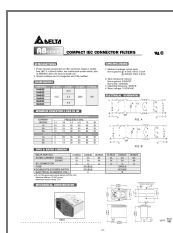


FIG. B



## Documents / Resources



[DELTA AB2S Compact IEC Connector Filters \[pdf\] Instructions](#)  
03AB2S, 01AB2S, 06AB2S, AB2S, AB2S Compact IEC Connector Filters, Compact IEC Connector Filters, IEC Connector Filters, Connector Filters, Filters

