

# 703,U705,U710

## Semiconductor Fuse Holders

### 750V Semiconductor Fuse Holders

Mersen semiconductor fuse holders feature open face styles. Each version is rated 750 volts and accommodates 14 x 51 mm or 22 x 58 mm fuses. 703, U705 and U710 holders feature Mersen's unique adder-block design which can be snapped onto 1-, 2-, or 3-pole blocks to form multi-pole segmented blocks of as many poles as desired. A choice of box, screw or pressure plate connectors is offered to fit a wide range of standard or solid copper wire. All versions have verified dielectric strengths in excess of 2500V. A patented built-in DIN-rail adapter on the U710 blocks adds further design versatility. All fuse clips are made of high conductivity tin-plated copper with spring reinforced clips.

#### Highlights:

- Thermoplastic bases
- DIN-rail (U710) or Screw Mount
- Adder block design

#### Applications:

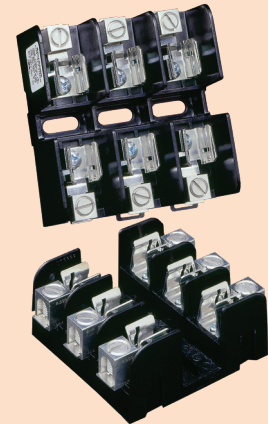
- All circuits up to 750 volts using semiconductor fuses for protection of small inverters, UPS systems, motor drives, etc.

#### Recommended Fuse Usage:

703 use with 14x51mm A70QS, A70P, URD

U705 use with 14x51mm A70QS, A70P, URD

U710 use with 22x58mm A70QS, URD, up to 100A



#### Ratings:

**Volts** : 750V

**Amps** : 30A (703)

: 50A (U7050)

: 100A (U7100)

**SCCR** : 200kA dependent on fuse I.R.

#### Approvals:

- UL Recognized component guide IZLT2, File E52283
- CSA Certified class 6225, File 32169



# 703,U705,U710 Semiconductor Fuse Holders

## 750 Volt Fuse Holders for 14 x 51mm & 22 x 58 mm Fuses

| Catalog No. | Fuse Size | Ampacity Rating | Poles | Connector      |                | Figure | Connector Torque (In-Lb) |
|-------------|-----------|-----------------|-------|----------------|----------------|--------|--------------------------|
|             |           |                 |       | Type           | Wire Range     |        |                          |
| U70505      | 14 x 51   | 50              | Adder | Box            | Al/Cu<br>#2-14 | 1      | 35                       |
| U70506      |           |                 | 1     |                |                | 2      |                          |
| U70507      |           |                 | 2     |                |                | 3      |                          |
| U70508      |           |                 | 3     |                |                | 4      |                          |
| 70315       | 14 x 51   | 30              | Adder | Screw          | Cu<br>#10-14   | 1      | 20                       |
| 70316       |           |                 | 1     |                |                | 2      |                          |
| 70317       |           |                 | 2     |                |                | 3      |                          |
| 70318       |           |                 | 3     |                |                | 4      |                          |
| 70325       | 14 x 51   | 30              | Adder | Pressure Plate | Cu<br>#10-14   | 1      | 20                       |
| 70326       |           |                 | 1     |                |                | 2      |                          |
| 70327       |           |                 | 2     |                |                | 3      |                          |
| 70328       |           |                 | 3     |                |                | 4      |                          |
| 70355       | 14 x 51   | 30              | Adder | Box            | Cu*<br>#4-14   | 1      | 35                       |
| 70356       |           |                 | 1     |                |                | 2      |                          |
| 70357       |           |                 | 2     |                |                | 3      |                          |
| 70358       |           |                 | 3     |                |                | 4      |                          |
| U71005      | 22 x 58   | 100             | Adder | Box            | Al/Cu<br>#2-14 | 5      | 35                       |
| U71006      |           |                 | 1     |                |                | 6      |                          |
| U71007      |           |                 | 2     |                |                | 7      |                          |
| U71008      |           |                 | 3     |                |                | 8      |                          |

\*Copper box connectors and clips-for copper wires only.

Note: To convert 30A adder pole to single pole, use end barrier #U09322 100A adder pole to single pole, use end barrier #U09372.

Recommended mounting screws; #10 (.190"dia)

### Dimensions

