

Transformer Protection

Amp-Trap® CL-14 Series

MEDIUM VOLTAGE FUSES

5.5KV, 8.25KV, AND 15.5KV
CLIP-LOCK MOUNTED FUSES

M
V



Mersen Amp-Trap fuses for the protection of transformers and distribution lines deliver overload and short circuit protection. These general purpose current-limiting fuses will melt at current that can be as low as 1.7 times the fuse current ratings up to its maximum interrupting rating. These fuses are designed to withstand the transformer magnetizing inrush current. They are single, double or triple barrels 3 inch diameter (size D) and mount in unique cam-locking clips for superior connections as well as easy installation and replacement.

FEATURES/BENEFITS:

- UL listed for compatibility with UL listed equipment.
- Clip-lock mounting for reliable high integrity connection into circuit.
- Current-limiting for superior equipment protection.
- Non-venting for silent operation.
- Metal embossed catalog number and manufacturing date for lasting identification.
- Blown-fuse indicator to give positive identification of open fuse.
 - 2 lb tripped force - 0.50 Inch

HIGHLIGHTS:

- E-Rated
- UL listed

APPLICATIONS:

- Protection for 5.5kV to 15.5kV transformers or distribution systems.

Ratings:

Amp-Trap CL-14 Series

(Indoor or outdoors in a weatherproof enclosure)

A055C

- **Volts:** 5.5kV AC
- **Amps:** 10 to 600E
- **IR:** 63kA Sym

A083C:

- **Volts:** 8.25kV AC
- **Amps:** 60 to 200E
- **IR:** 50kA Sym

A155C

- **Volts:** 15.5kV AC
- **Amps:** 10 to 300E
- **IR:** 50kA Sym

APPROVALS:

- Some UL Listed to standard File E143362



See Fuse Blocks and Holders section for CL-14 Clip-Lock Clips

5.5KV / 8.25KV CLIP-LOCK MOUNTED FUSES:

5.5kV E-Rated Amp-Trap CL-14 Series

15.25" (388mm) Clip Centers (dimension E). Suitable for use indoors or in an enclosure only



| Catalog No. | Amp Rating | No. of Barrels | Indicating | Max Voltage | Max IR RMS Sym | Figure | Dimensions Inches (mm) | | | |
|-----------------|------------|----------------|------------|-------------|----------------|--------|------------------------|----------------|---|----------------|
| | | | | | | | A | B | C | E |
| A055C1D0R0-10E | 10E | 1 | Yes | 5.5kV | 63kA | A | 16.81 (427) | 16.12 (410) | 0.5 (13) Tripped Force 2 lbs. | 15.25 (388) |
| A055C1D0R0-15E | 15E | | | | | | | | | |
| A055C1D0R0-20E | 20E | | | | | | | | | |
| A055C1D0R0-25E | 25E | | | | | | | | | |
| A055C1D0R0-30E | 30E | | | | | | | | | |
| A055C1D0R0-40E | 40E | | | | | | | | | |
| A055C1D0R0-50E | 50E | | | | | | | | | |
| A055C1D0R0-65E | 65E | | | | | | | | | |
| A055C1D0R0-80E | 80E | | | | | | | | | |
| A055C1D0R0-100E | 100E | | | | | | | | | |
| A055C1D0R0-125E | 125E | | | | | | | | | |
| A055C1D0R0-150E | 150E | | | | | | | | | |



5.5kV E-Rated Amp-Trap CL-14 Series

21.25" (540mm) Clip Centers (dimension E). Suitable for use indoors or in an enclosure only



| Catalog No. | Amp Rating | No. of Barrels | Indicating | Max Voltage | Max IR RMS Sym | Figure | Dimensions Inches (mm) | | | |
|-----------------|------------|----------------|------------|-------------|----------------|--------|------------------------|----------------|-------------------------------------|----------------|
| | | | | | | | A | B | C | E |
| A055C1D0R0-200E | 200E | 1 | Yes | 5.5kV | 63kA | A | 22.81 (580) | 22.12 (562) | 0.5 (13) Tripped Force 2 lbs. | 21.25 (540) |
| A055C1D0R0-250E | 250E | | | | | | | | | |
| A055C1D0R0-300E | 300E | | | | | | | | | |
| A055C1D0R0-400E | 400E | | | | | | | | | |
| A055C2D0R0-450E | 450E | 2 | Yes | 5.5kV | 63kA | B | 22.81 (580) | 22.12 (562) | 0.5 (13) Tripped Force 2 lbs. | 21.25 (540) |
| A055C2D0R0-500E | 500E | | | | | | | | | |
| A055C2D0R0-600E | 600E | | | | | | | | | |

Figure B

