

E-Rated Fuses: CL-14 & Bolt-In

ECL055

Specifications

Description: E-rated medium voltage, current-limiting fuses for transformer and feeder protection.

Construction: Filament wound, glass epoxy fuse tube, with silica filler, and silver-plated copper terminals and endcaps containing a silver element in a double concentric helical configuration.

Ratings:

Volts: — 5.5kV

Amps: — 10-900A

IR: — 63kA Sym. Max

Agency Information: Meets E requirements per ANSI C37.46, Meets General Purpose requirements per ANSI C37.40.

Features and Benefits

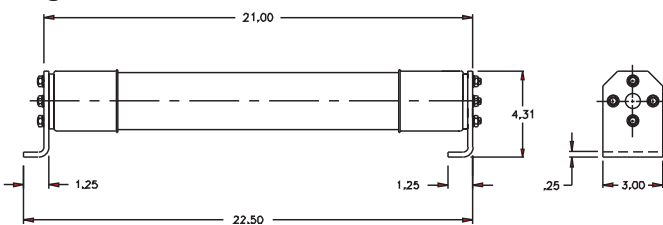
- Clip-lock and bolt-in style available in double and triple barrel fuse designs for application flexibility
- The filament wound, glass epoxy fuse tube provides moisture protection for the fuse. This makes Cooper Bussmann medium voltage fuses suitable for both indoor and outdoor application (outdoor applications require installation inside an appropriate enclosure)
- Open fuse indication (indicator travel distance is 16mm) easily integrates into automation schemes
- 50/60Hz operating frequency make these fuses applicable world-wide

Typical Applications

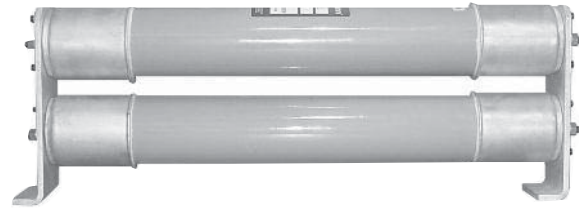
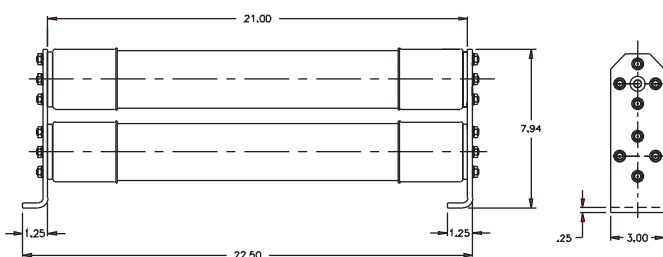
- 5.0kV Transformer Primary Protection
- 5.0kV Feeder Circuit Protection
- 5.0kV Voltage Switches
- 5.0kV Metal-enclosed Switchgear

Dimensions - in

Single Barrel



Double Barrel



Catalog Numbers

| Catalog Numbers | Amp Rating | Voltage | IR Max Sym. | # of Barrels | Style | | | |
|-----------------|------------|---------|-------------|--------------|-----------|-----------|---|---------|
| ECL055-10E | 10 | 5.5kV | 63kA | 1 | Clip-Lock | | | |
| ECL055-15E | 15 | — | | | | | | |
| ECL055-20E | 20 | — | | | | | | |
| ECL055-25E | 25 | — | | | | | | |
| ECL055-30E | 30 | — | | | | | | |
| ECL055-40E | 40 | — | | | | | | |
| ECL055-50E | 50 | — | | | | | | |
| ECL055-65E | 65 | — | | | | | | |
| ECL055-80E | 80 | — | | | | | | |
| ECL055-100E | 100 | — | | | | | | |
| ECL055-125E | 125 | — | | | | | | |
| ECL055-150E | 150 | — | | | | | | |
| ECL055-200E | 200 | — | | | | | | |
| ECL055-250E | 250 | — | | | | | | |
| ECL055-300E | 300 | — | | | | | | |
| ECL055-400E | 400 | — | | | | | | |
| ECL055-450E | 450 | — | | | | | | |
| ECL055-500E | 500 | — | | | | | | |
| ECL055-600E | 600 | — | | | | | | |
| ECL055-750E | 750 | — | | | | | | |
| ECL055-900E | 900 | — | | | | | | |
| | | | | | 2 | Clip-Lock | | |
| | | | | | | | 3 | Bolt-In |
| | | | | | | | | |

Catalog Number Construction (Example)

| Catalog Number | Voltage Rating | Amp Rating |
|----------------|----------------|------------|
| ECL | 055 | 500E |
| | 055 = 5.5 kV | |

Catalog Number Cross Reference

| Bussmann Catalog Numbers | Mersen New Catalog # | Mersen Old Catalog # |
|--------------------------|----------------------|----------------------|
| ECL055-10E | A055C1DORO-10E | 225-007-937 |
| ECL055-15E | A055C1DORO-15E | 225-007-938 |
| ECL055-20E | A055C1DORO-20E | 225-007-939 |
| ECL055-25E | A055C1DORO-25E | 225-007-940 |
| ECL055-30E | A055C1DORO-30E | 225-007-941 |
| ECL055-40E | A055C1DORO-40E | 225-007-942 |
| ECL055-50E | A055C1DORO-50E | 225-007-943 |
| ECL055-65E | A055C1DORO-65E | 225-007-944 |
| ECL055-80E | A055C1DORO-80E | 225-007-945 |
| ECL055-100E | A055C1DORO-100E | 225-007-946 |
| ECL055-125E | A055C1DORO-125E | 225-007-947 |
| ECL055-150E | A055C1DORO-150E | 225-007-948 |
| ECL055-200E | A055C1DORO-200E | 225-007-949 |
| ECL055-250E | A055C1DORO-250E | 225-007-950 |
| ECL055-300E | A055C1DORO-300E | 225-007-951 |
| ECL055-400E | A055C1DORO-400E | 225-007-952 |
| ECL055-450E | A055C2DORO-450E | 225-007-953 |
| ECL055-500E | A055C2DORO-500E | 225-007-954 |
| ECL055-600E | A055C2DORO-600E | 225-007-955 |
| ECL055-750E | A055B3DORO-750E | A055X750E-4 |
| ECL055-900E | A055B3DORO-900E | A055X900E-4 |

Data Sheet: 9002