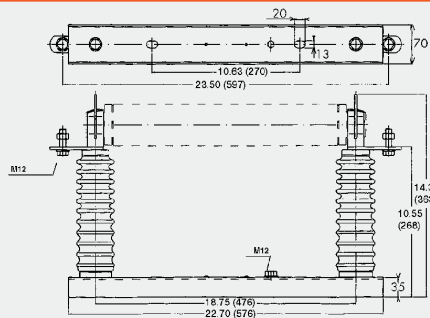


Motor Protection

Amp-Trap® DIN-Style Fuses

MEDIUM VOLTAGE FUSES

R-RATED IEC DIN STYLE MV FUSES



Amp-Trap® R-Rated DIN style fuses are current-limiting, high interrupting rating fuses, intended for the short circuit protection of medium voltage motors and motor controllers. This product range offers North American R-Rated performance in the IEC 282-1 DIN mounting configuration of 442mm. R-Rated fuses are applied as back up fuses that have a minimum interrupting rating, and must be coordinated with overload relays in combination motor starters. Amp-Trap R-Rated, DIN type fuses are offered in voltage ratings of 3.3kV, 5.3kV and 7.2kV in ratings from 2R to 19R. All fuses within this product group are UL component recognized.

DEFINITIONS:

R-Rating: R-Rated fuses are back-up fuses that operate as follows (Per ANSI C37.46-2000): An R-Rated fuse will melt in the range of 15 to 35 seconds at a value of current equal to 100 times the “R” rating.

Back-up Current-Limiting Fuses: A back-up current-limiting fuse is a fuse that can interrupt any current between its rated minimum interrupting current and its maximum interrupting current. Back-up fuses are not designed or intended to open under overload conditions.

Continuous Ampere Rating at 40°C: The continuous amp rating defines the thermal capability of the fuse per ANSI C37.46 and should not be the sole factor in fuse selection.

Spring-Reinforced Clip MR45 & Spring Ref.# L096472

Fuse-Holder: SI 24/442 Ref # K209424 In compliance with IEC 282-1, DIN standard 43625. * Note: Ratings above 19R may be achieved by paralleling fuses. Please consult factory for details.

RATINGS:

A033D1

- **Volts:** 3300V AC
- **Amps:** 2 to 19R*
- **IR:** 65kA Sym

A055D1

- **Volts:** 5300V AC
- **Amps:** 2 to 19R*
- **IR:** 65kA Sym

A072D1

- **Volts:** 7200V AC
- **Amps:** 2 to 19R*
- **IR:** 65kA Sym

FEATURES/BENEFITS:

- Clip mount DIN 45: R-Rated fuses with North American ANSI characteristics in a standard DIN 442mm size.
- Current-limiting for superior equipment protection
- Blown fuse indicator provides positive identification of open fuse. 4.5lb tripping force - 1.0”.

HIGHLIGHTS:

- R-Rated
- UL recognized

APPLICATIONS:

- Short circuit protection of medium voltage motors and motor controllers.

APPROVALS:

- UL recognized component File E93367

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