

UL Listed Disconnecting Means for Use With Electric Fire Pump Controllers

FTA990

Specifications

1.0 Disconnecting Means

The UL Listed disconnecting means shall be a model FTA990, manufactured by Firetrol, Inc. The unit shall be factory assembled and tested. The FTA990 shall be specifically designed to assure complete upstream overcurrent protection coordination with the electric fire pump controller. A flange mounted disconnect handle lockable in the closed (ON) position shall be standard.

1.1 Standards, Listings & Approvals

The FTA990 shall be:

- Suitable for use as service equipment
- UL Listed for fire pump service per:
 - NFPA70 (*National Electrical Code*) 695.4(B)(2)(a)(2) - Normal Power Circuit
 - NFPA70 (*National Electrical Code*) 695.4(B)(3)(c) - Markings
 - NFPA70 (*National Electrical Code*) 695.3(F)(2) - Alternate Power Circuit
- NFPA20 (*Standard for the Installation of Stationary Pumps for Fire Protection*) 9.2.3.4.1

1.2 Enclosure

The components shall be housed in a NEMA Type 2 (IEC IP22) enclosure.

1.3 Overcurrent Protection Characteristics:

- The protective device shall NOT open within 2 minutes at 600% of the full load current of the fire pump motor(s).
- The protective device shall NOT open with a re-start transient of 24 times the full load current of the fire pump motor(s).
- The protective device shall NOT open within 10 minutes at 300% of the full load current of the fire pump motor(s).
- The trip point for circuit breaker shall NOT be field adjustable.

3412 Apex Peakway
Apex, North Carolina 27502
P +1 919 460 5200
F +1 919 460 5250
www.firetrol.com

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