



HCMP420TS - Part Winding Start with Automatic Transfer Switch

By Metron/Metron-Eledyne

Metron/Metron-Eledyne Fire Pump Controllers conform to the latest requirements of National Fire Protection Association's Standard for Centrifugal Fire Pumps, as adopted by Underwriters Laboratories and Factory Mutual. They are withstand rated and listed by Underwriters' Laboratories and approved by Factory Mutual Research Corporation. Sizes range from 15 to 700 horsepower, 200 to 600 volts (480 volts max. when supplied with transfer switch), 60 Hz. These controllers are for use on Across-the-Line type installations. Only the highest quality components, all UL listed or UL recognized are used throughout to assure the best possible reliability. The cabinet is fabricated of heavy gauge reinforced steel with drip-proof hood. All field wiring and service connections may be made from the front, allowing the controller to be mounted flush against a wall. The controller is completely wired, assembled, and tested at the factory before shipment, and ready for immediate installation. The series MP420 fire pump controllers can be used when full voltage starting may not be desired or practical. The starting contactors operate in sequence to energize a portion of the motor windings on start which reduces inrush current to approximately 65% of normal. An adjustable timing relay is provided to control time between reduced current start and normal running operation. An emergency start lever to close starting contactor independent of automatic control circuits is also supplied as standard. When used, this lever will bypass the reduced current start feature and start the motor with full inrush current drawn from the power source.



Application

Fire Protection System

General

Series	MP
Type	Part Winding Start with ATS

Certifications And Compliance

Industry Standard(s)

UL Listed

Product Assets

- [Brochures - Series MP420 Combined Manual and Automatic](#)
- [Customer Use Drawings - METRON_MP420 Schematic Drawing Pg 2](#)
- [Customer Use Drawings - METRON_MP420 Schematic Drawing Pg 1](#)
- [Installation Manuals - Manual for MP300 - MP700 - Doc605](#)
- [Submittal Packages - MP420TS Submittal Selection Table](#)



A Hubbell brand