



Fire Pump Controller MPT450TS Pilot Series - Autotransformer Closed Transition with Automatic Transfer Switch

By Metron/Metron-Eledyne



MPT450TS Pilot Series Autotransformer Closed Transition Start Type with Automatic Transfer Switch incorporates a heavy-duty autotransformer with taps available at 50%, 65%, and 80% to reduce the starting voltage to the motor. The autotransformer is factory wired to the 65% taps unless otherwise specified. The starting inrush current drawn from the power source is reduced to approximately 25% of normal when using the 50% tap, 42% of normal on the 65% tap, and 64% of normal on the 80% tap (other taps are available, consult factory representatives for more information). The timing between reduced voltage start and full voltage operation is field adjustable to accommodate specific installation requirements. An emergency start handle to close starting contactor independent of automatic control is also supplied as standard. When used, this handle will bypass the reduced voltage start feature and start the motor with full inrush current drawn from the power source.

Application

Fire Protection System

General

Series	MPT Pilot
Type	Autotransformer Closed Transition Start with ATS

Certifications And Compliance

Industry Standard(s)	UL Listed
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Product Assets

[Customer Use Drawings - MPT450TS 400A & Higher Schematic](#)
[Customer Use Drawings - MPT450TS 400A & Higher Field Connections 1](#)

[Customer Use Drawings - Netron MPT400 or MPT450 with Transfer Switch](#)
[Customer Use Drawings - MPT450TS Field Connections 2](#)
[Customer Use Drawings - MPT450TS Field Connections 1](#)
[Customer Use Drawings - MPT450TS 400A & Higher Field Connections 2](#)
[Customer Use Drawings - MPT450TS Schematic](#)
[Installation Manuals - METRON_MPT_ModbusManual](#)
[Installation Manuals - METRON_MPT_SoftwareUpdateManual](#)
[Installation Manuals - METRON_MPT_TroubleshootingManual](#)
[Installation Manuals - METRON_MPT_AlarmsManual](#)
[Installation Manuals - METRON_MPT_Manual](#)
[Specifications - Fire Pump Controller MPT450TS Pilot Series - Autotransformer Closed Transition with Automatic Transfer Switch](#)
[Submittal Packages - MPT450TS Submittal Selection Table](#)



A Hubbell brand