



Keep motors warm and moisture-free during extended shut-down periods

by **MOTORTRONICS**

The MWH Series Specifications

Fully Automatic Operation

Designed for fully automatic operation, the **MWH Series** turns on when the motor starter has turned off. A built-in one minute timer ensures that the motor magnetic field has collapsed before it injects DC power into the windings. When the motor is restarted, the **MWH Series** instantly turns off. No operator interface is required... the **MWH Series** is in control.

Built-in Overload Sensing

The **MWH Series** had an optional shutdown input that can be connected to the N.O. auxiliary contact on the motor starter's thermal overload relay. This will disable the motor winding heater control, preventing any additional heating in the motor and allowing for a faster motor cool down period. The **MWH Series** then goes back on-line after the overload relay is reset.

Ideal Alternative to Strip Heaters

Eliminate the cost and hassle of installing strip heaters into your motors. Simply wire up the **MWH Series** to generate heat throughout the motor stator windings. The heat is dissipated evenly without the "hot spots" caused by strip heaters. Conduction of heat to the rotor, bearings and shaft is also more effective which means maximized protection for the whole motor.

Easy to Install

Whether retrofitting an existing starter or installing a new one, the **MWH Series** is easy to apply. Just wire it in parallel to the magnetic starter's line and load connection, connect the necessary auxiliary contacts and installation is complete.

Simple Adjustment

Output voltage is factory set to maintain a +5° to 10°C differential above ambient temperature. This adjustment can be used to trim the control as required for each application.

Self Protected

In addition to built-in fuse protection, the **MWH Series** features an RC snubber circuit across the SCR which protects it from any rapid rate of change in the system voltage. A metal oxide varistor (MOV) protects the unit against voltage spikes for reliable, maintenance-free operation.

