

FIX IT BEFORE IT'S BROKEN!

The UMM Universal Malfunction Monitor is a solid-state, 24 VAC interface module designed to accept a variety of dry contact inputs such as a current sensing relay, static pressure switch, refrigerant pressure sensor or freeze stat. Based on the selected input, the module will trigger a SPDT relay after a selected time of 6 seconds or 6 minutes once the input contacts open. The relay contacts can be used to disrupt equipment operation and/or send a signal to an alarm or other external monitoring device that a malfunction has occurred. This can greatly reduce damage to equipment and property as well as save down time and expensive equipment failure costs.



Freeze Stat Application

The UMM-FS can monitor the suction line temperature of an AC unit with the use of a freeze stat to prevent coil freeze up and potential water damage in the event of a blower motor failure, restricted airflow caused by dirty filter, clogged coil or low refrigerant. It is recommended that the time delay be set for 6 minutes to prevent false triggering due to cold ambient compressor start up. It is highly recommended that the Freeze Stat be wrapped with insulated tape.



Specifications:

Dimensions	5.00"W x 6.00"H x 1.5"D
Current Rating	.25 - 150A
Max Control Voltage	30VAC
Relay Contacts	SPDT (Rated at 5A)
Enclosure	Plastic

WIRING DIAGRAM

