



SPECIFICATION

Automatic Insulation Tester and Monitor for Motors up to 600 Volt

Controllers shall be equipped with an automatic insulation tester and monitor to continuously test and display the winding insulation condition when the motor is off. The test voltage shall be 500 VDC and current limited to 200uA. The system will have latching alarm and lockout contacts with a manual reset button. System will have an analog meter display with a color-coded dial calibrated in meg-ohms of resistance. The motor shall be tested and monitored when it is off-line and the system will stop testing when the motor is running. Indicating means shall be a green L.E.D. to show when the motor insulation is being tested and is acceptable. A red flashing L.E.D. shall indicate when the motor insulation has tested below the alarm set point and the motor is unsafe to operate. A pre-alarm contact and yellow flashing L.E.D. indicator shall be optional. The automatic insulation tester and monitor shall be manufactured by Meg-Alert, Inc., Minocqua, WI 54548 USA (715)356-1499 model GP500-M or approved equal.