



Specification

Automatic Insulation Tester and Monitor for Multiples Motors up to 600 VAC

Install an automatic insulation resistance tester and monitor with multiple test outputs (up to 9 channels). System will have manual/auto selector switch to allow for manual mode selection of motor testing or automatic scanning mode of motor testing at pre-set intervals (factory set at 30 seconds per test).

Power source to be 120 VAC fused at 1.5 amps. The DC test voltage will be 500 VDC current limited to 200uA. System will require (1) N/C contact per motor to indicate when motor is operating. System will test and monitor motor only when motor is not operating.

System will have a flashing yellow "test" LED to indicate when a motor is being tested; a digital test selector display to indicate which channel is being tested; a visual 1% analog meter with a color coded dial calibrated in meg-ohms of resistance, one flashing red LED per channel to indicate when resistance level has fallen below alarm level, a set of Form C latching alarm contacts (5 A @ 250VAC) per channel, and a set of normally closed latching contacts (5 A @ 250 VAC) per channel that can be used to prevent the motor from starting when in an alarm condition.

System will have a self-test and calibrate function activated by a push button and a manual reset button. System can be supplied loose to install in a motor control panel or can be factory installed in a customer specified enclosure for remote installation. System will be supplied with a 10" interconnect cable and is to be wired in accordance with the Manufacturers instructions and drawings provided with the system.

The automatic insulation tester and monitor shall be as manufactured by Meg-Alert, Inc. of Minocqua, WI 54548 USA (715)356-1499 model GP5004M/9M or approved equal.