

MSE of Canada Ltd. Installation procedure, DSC-600 Delta / Star Connector

The DSC-600 Delta / Star connector accessory provides connection for an Insulation Resistance Monitor to all three phases of delta / star motor while the motor is off-line. The DSC-600 is a CSA certified accessory for installation with MotoSafe or FailSafe monitors on motors with line voltage up to 600 V AC.

INSTALLATION

Please use appropriate size spade terminals to install the accessory in the starter enclosure.

Connect DSC-600 in accordance to the wiring diagram below.

Secure the DSC-600 to any convenient support, using ty-wrap supplied.

TESTING

To ensure proper connection use the Test Resistor supplied in the accessory kit of the Insulation Resistance Monitor as follow:

1. Make sure that the Monitor is "ON" and the motor supply is off.
2. Connect the Test Resistor between one of the motor phases and the ground. Within 10 seconds the Monitor should indicate alarm.
3. Disconnect the Test Resistor. Reset the Monitor.
4. Repeat the test on other two phases.

DSC-600 Connection Diagram with MGM600D Insulation Resistance Monitor

