

Description

The MSI Series of Meter Socket Interfaces are designed to allow connection of recorder products to commercial and industrial meter sockets. The unit incorporates integrated current transformers for direct current sensing (1mV per Amp) up to 300 amps and direct voltage readings of voltages on 3 and 4 wire configurations up to 600VAC

Installation

When used with ringed meter bases, the MSI is directly inserted between the meter base and revenue meter. When used with ringless meter bases the MSI must be used with a meter socket extender. The extender is inserted into the base and the lid of the base is installed. After the cover is installed, the MSI can be seated into the extender and secured with a ring. Finally, the meter is inserted into the MSI and secured with another ring.

Safety

The current transformers inside the MSI are open circuit protected so the recorder can be connected and disconnected from the MSI without fear of open circuiting the CT's. Internal fuses protect the unit from voltage short circuits. The fuses are Bussman TDC 10-500mA fuses rated to 750VAC and must only be replaced with the same or equivalent fuses.

Specifications

The MSI is available in a variety of configurations to allow connections too many common meter sockets as well as a variety of recorder products. Custom configurations are also available on a special order basis.

Voltage:	1-600 VAC (3 phase 3 or 4 wire)
Current:	1-200 Amp AC (MSIx-x200) 1-300 Amp AC (MSIx-x320)
Accuracy:	1% of reading (voltage and current)
Temperature:	-15 to 130 degrees Fahrenheit
Interface:	Banana jack and BMC (MSI3-xxxx) 6000 Interface cables (MSI6-xxxx)

Limited Warrantee

The MSI series of Meter Socket Interfaces are under warrantee to the owner for a period of 1 year from the date of original purchases against defects in materials or workmanship. The warrantee is void if the unit has been tampered with, abused or if the defect is related to service not performed by the manufacturer.

Meter Socket Interface



Manufactured by:

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