

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-EA.544

OTTAWA, March 23, 1962.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPE "I-57A"
SINGLE-PHASE WATTHOUR METERS

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "I-57A" Single-Phase Watthour Meters, manufactured by the Canadian General Electric Company Limited, 1130 Boulevard Charest, Quebec 8, P. Q.

Rating of Apparatus:

Current Range 0.5-50 amperes
Voltage 115 or 120 volts
Wire 2
Frequency 60 cycles
Kh 1.8
Register Clock-type; Rr = 55-5/9

cription: The type "I-57A" watthour meter is of smaller dimensions than the standard A-base meters but uses the same current and potential coils with laminations as the type "I-50" watthour meter of the same rating except that the butyl moulding has not been applied to the potential coil. This type is provided with magnetic suspension of the disc.

This approval covers only the one rating in the bottom-connected design.

The base is a one-piece aluminum die casting having a glass cover fitting over a rubber gasket recessed in a groove in the base and held in place by means of a wire yoke. A clip on the wire yoke fits over a boss on the base adjacent to the seal pan, so that the cover can be sealed. The terminal cover overlaps the glass cover yoke and is sealed by a captive aluminum strip that fits into slots moulded in raised bosses at the ends of the terminal chamber.

E. F. Power

E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

Ref: A-945

