

TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA, October 1, 1956.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPES "I-55A" AND "I-55S"  
2-WIRE/3-WIRE WATTHOUR METERS

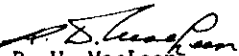
The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Types "I-55A" and "I-55S" 2-Wire/3-Wire Single-Phase Watthour Meters, manufactured by the Canadian General Electric Company Limited, Quebec 8, P.Q.

Rating of Apparatus:	<u>As 2-Wire</u>	<u>As 3-Wire</u>
Normal Range .....	1.5 to 100 amps.	0.75 to 100 amps.
Voltage .....	115 or 120	230 or 240
Wire .....	2	3
Frequency .....	60 cycles	60 cycles
K <sub>h</sub> .....	3.6	3.6

Description: These meters utilize the same current coils and laminations as in the presently-approved type "I-55" meters with a single current coil being used for the 2-wire connection and both current coils being used for the 3-wire connection. The potential coil differs in that it is wound as a two section coil with a terminal board so that it can be connected to utilize the same number of potential ampere turns on both the 2-wire and 3-wire connection, i.e., a series parallel arrangement of the two sections of the coil. A swiveled wire-connector is attached to the base of the meter to facilitate making the series coil connections. The potential coil terminal board is located at the top of the meter just above the potential coil. Both potential and series coil connections are enclosed within the cover of the meter.

When changing from 2-wire to 3-wire, a detachable metal strip marked with the 2-wire ratings is removed, thus exposing the 3-wire ratings.

  
R. W. MacLean,  
Director,  
Standards Division.



E. F. Power,  
Assistant Director (E&G),  
Standards Division.

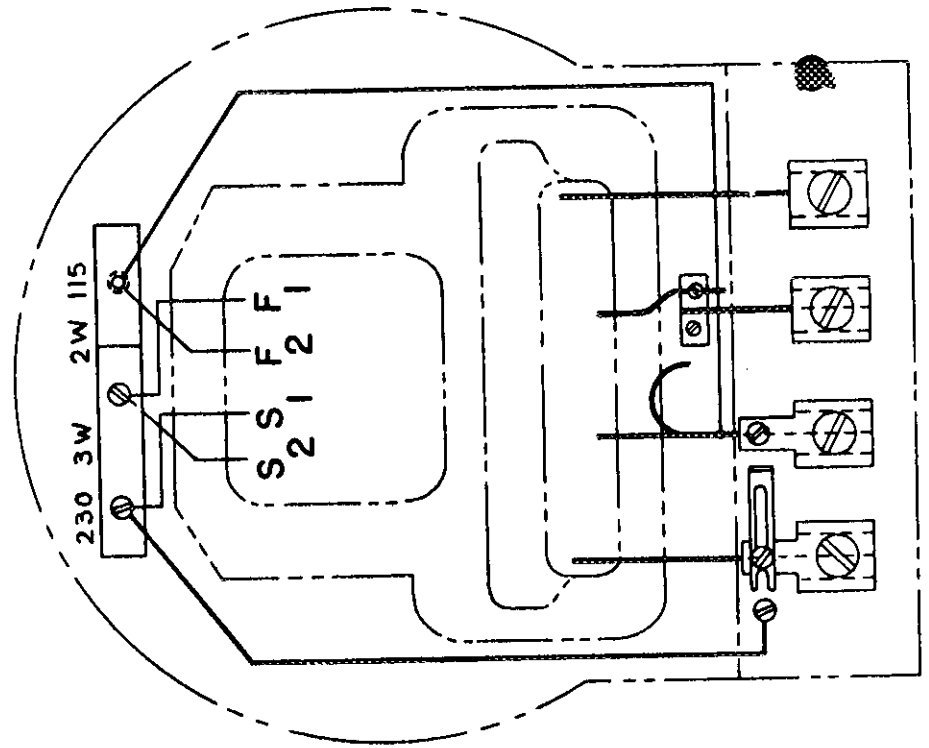
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INTERNAL CONNECTIONS FOR CANADIAN GENERAL ELECTRIC TYPE "I-55A" WATTHOUR METER  
(when connected for 3-wire use)



(when connected for 2-wire use)

