

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA, August 13, 1959.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPES "I-55A" AND "I-55S"
VOLTAGE COMPENSATED 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: Types "I-55A" and "I-55S" Single-Phase Watthour Meters, marked "VC", manufactured by Canadian General Electric Company Limited, 1130 Boulevard Charest, Quebec 8, P. Q.

Rating of Apparatus:

Current Range75-100 amperes
Voltage 230
Wire 3
Frequency 60 cycles
Watthour Constant 3.6 watthours per rev.

Description: This type is an "I-55" watthour meter featuring a voltage compensated potential and identified by the letters "VC" stamped in the upper left corner of the nameplate (this is just above the '230 volts' and in front of 'Type'). The meter is wired internally as a 3-wire with the usual two current coils. The free end of the potential coil in the case of the "A" base type is brought out to a special link that can be rotated 90° to connect to a fifth terminal for 2-wire service and, in the case of the "S" base, is brought to a standard link. For 3-wire service the links are closed in the conventional manner. For 2-wire service the link on the "A" base type is rotated to a vertical position, and a wire is inserted in the fifth terminal and connected to the neutral. For 2-wire service of the "S" base type the link is opened and a lead is attached to the link, joining it and the socket ground lug. The meter is fitted with a 3-wire nameplate only, as its use on 2-wire is considered a temporary arrangement. It is not necessary to break the seal to change from 2-wire to 3-wire.

These meters may be calibrated on either 115 or 230 volts, as the errors on one voltage approximate closely those of the other voltage.

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Ref: A-835

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