

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA July 18, 1963.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPE "DS-64"
3-ELEMENT POLYPHASE WATTHOUR METER

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 "DS-64" 3-Element Polyphase Watthour Meter, manufactured by the Canadian General Electric Company Limited, 1130 Boulevard Charcot, Quebec 8, P. Q.

Rating of Apparatus:

Current Ranges	0.12-10 and 0.25-20 amperes
Voltage Rating	115, 120, 230, 240* volts
Wire	4-wire Y
Elements	3
Disc Constant K_h	1.8 (115-120 volt 0.12-10 ampere rating)
Register Ratio R_v	111-1/9 4-dial and test dial
Register Type	Clock
Frequency	50 and 60* cycles

* 60-cycle 240-volt meters are approved for use on 277-volt circuits, but shall be marked and tested as 240-volt meters.

Description: This is a 3-element switchboard-mounted meter in larger case than the type "DS-63". It makes use of the 'V-60' stator and frame construction but has two discs on a common shaft supported by an enclosed ball bearing. The lower disc is acted upon by two elements and the upper disc by a single element.

Potential indicating lamps will be provided as standard on transformer-rated meters, and as optional equipment on the self-contained rating.

The cover may be sealed if necessary with a wire through the cover screws ending in a separate seal pan.

These meters are also approved for use with "M-30" demand registers, in which case they will be designated "DSM-64".

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

R. W. MacLean,
Director,
Standards Branch.

Ref: A-801F

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