DEPARTMENT OF

TRADE AND COMMERCE
CANADA

S-EA.498

STANDARDS BRANCH

OTTAWA April 12, 1961.

TYPE APPROVAL

CANADIAN GENERAL ELECTRIC TYPES "MC-53", "MC-54", "MC-63" "MC-65", "MC-66" AND "MC-67" PHASING TRANSFORMERS

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 "MC-53", "MC-54", "MC-63", "MC-65", "MC-66" and "MC-67" Phasing Transformers, manufactured by the Canadian General Electric Company Limited, 1130 Boulevard Charest, Quebec 8, P. Q.

Rating of Apparatus:

Type	Circuit	Watthour Meter	Voltage Rating	#Supersedes
*MC-53	3-phase 3-wire	2-element	120, 240	MC-23
*MC-54	3-phase 4-wire wye	2½- or 3-element	120	MC-24
MC-63	3-phase 3-wire	2-element	120, 240	MC-21, MC-27
MC-65	3-phase 4-wire wye	2½- or 3-element	120, 240/277	MC-22, MC-28
MC-66	3-phase 4-wire delta	2-element	240	MC-31, MC-33
MC-67	3-phase 4-wire delta	3-element	240	MC-32, MC-34

Frequency ..... 60 cycles

* "MC-53" and "MC-54" are for KVA metering; "MC-63", "MC-65", "MC-66" and "MC-67" are for RKVA metering.

See Circular SD-EA.278. Certain types of the "MC-20" series requiring larger cases and the higher voltage types have not been superseded.

Description: These phase-shifting transformers are designed for use with a watthour meter or watt-demand meter for metering volt-amperehours, volt-amperes demand and reactive volt-amperehours or reactive volt-amperes demand. They consist of two autotransformers properly tapped and connected and enclosed in a plastic case with metal cover, which snaps on and may be sealed with a wire and lead seal. External connections are made to numbered terminals at the side of the case. All models have a (RUN/TEST) plug which simplifies testing of the watthour meter connected to the transformer. When the plug is in the "RUN" position, the transformer is in the circuit and when the plug is in the "TEST" position, the transformer is by-passed and the meter is connected directly to the line. The meter can thus be tested for accuracy without disconnecting it from

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