

TRADE AND COMMERCE
CANADA

SD-EA.217

STANDARDS DIVISION

OTTAWA, October 13, 1955.

TYPE APPROVALCANADIAN WESTINGHOUSE TYPE "SM-5" CURRENT TRANSFORMER

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: Type "SM-5" Current Transformers, manufactured by the Canadian Westinghouse Company, Limited, Hamilton, Ontario.

Rating of Apparatus:

Primary Current 25 amperes
 Secondary Current 5 amperes
 Rated Voltage 5 KV
 Accuracy Class ASA 0.3B0.1, 0.3B0.5, 0.3B2.0*
 Wire 2
 Phase 1
 Frequency 25/60 cycles
 Style Dry Indoor

* Shown on nameplate.

Description: The type "SM-5" current transformer is a small, light-weight transformer intended for indoor use. The core material is grain oriented Hipersil. The whole core and coil is moulded in a rubber-like silicone-base insulating material which excludes moisture and is said to be stable and superior over a wide range of temperature variations. The primary terminals are silver-plated. The secondary is supplied with a short-circuiting device which can be operated automatically or manually. A polystyrene transparent cover encloses the device, permitting visual inspection of the low voltage terminals. Polarities are shown by a raised + sign at one end of the terminal block and a raised - sign on the moulded insulation over the primary bar.

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Ref: A-435



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