



## STANDARDS DIVISION

OTTAWA, October 28, 1952.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPES "WF1A" AND "WF2A"  
CURRENT TRANSFORMERS


The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Types "WF1A" and "WF2A" Current Transformers, manufactured by the Canadian General Electric Company Limited, Toronto, Ontario.

## Rating of Apparatus:

Primary Current .....	5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 125, 150, 200, 250, 300, 400, 500, 600, 800 amperes
Secondary Current .....	5 amperes
Rated Metering Burden ...	12.5 VA at 0.9 PF (ASA 0.3B0.5)
Rated Voltage .....	5 KV (WF1A); 7.5 KV (WF2A)
Wire .....	2
Phase .....	1
Frequency .....	25/60 cycles
Style .....	Dry Indoor

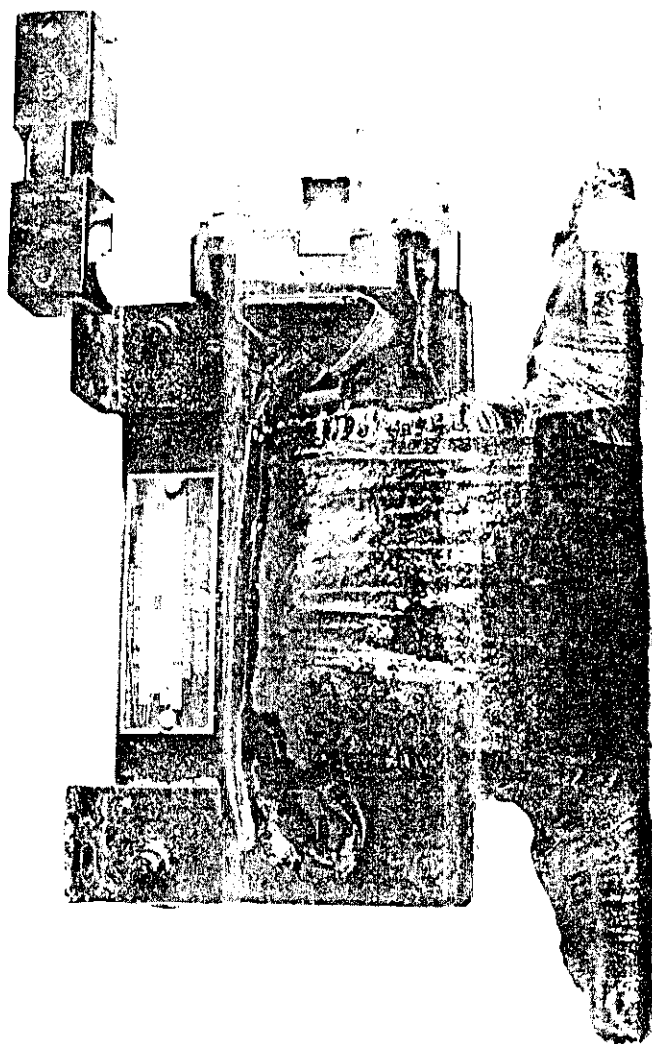
Description: The types "WF1A" and "WF2A" are similar except for voltage rating. They are designed for indoor service and are of wound primary construction with single primary ratings and single 5-ampere secondaries. The manufacturer specifies high grade silicon steel for use in the core. The entire core and coil assembly is treated and impregnated with an asphalt-base insulating compound and then finished with a coat of black lacquer. The insulation for the "WF1A" is 5 KV Class and for the "WF2A" is 7.5 KV Class. All connections in the primary and secondary windings are brazed to give strength. Primary terminals have the same distance between bolt holes in all ampere ratings. Secondary terminals are fixed studs. A manually-operated short-circuiting switch and terminal cover with sealing device is provided.

  
R. W. MacLean,  
Director,  
Standards Division.

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

Ref: A-267

CANADIAN GENERAL ELECTRIC TYPE "WF1A" CURRENT TRANSFORMER



SD-EA.88