

TRADE AND COMMERCE
CANADA

SD-EA.183

STANDARDS DIVISION

OTTAWA, March 28, 1955.

TYPE APPROVALSPRECHER & SCHUH TYPE "STHF-109" 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 "STHF-109" Current Transformer, manufactured by Sprecher & Schuh Limited of Aarau, Switzerland, and distributed in Canada by Gemco Electrical Manufacturing Co. Limited, 22 East Fifth Avenue, Vancouver 10, B.C.

Rating of Apparatus:

Primary Current	100/200	
	<u>Metering Core</u>	<u>Relaying Core</u>
Secondary Current	5	5
Volt-Amperes	45 VA *	30 VA *
Accuracy Rating	ASA 0.3R2.0 *	ASA 1.2R1.0 *
Terminals	1K-1L	2K-2L
Voltage Rating	60/152 KV	
Impulse Level	350 KV	
Frequency	60 cycles	

* marked on nameplate.

Description: This transformer is an oil-filled type designed for outdoor service. It contains two cores in the same case, one for metering and one for relaying. The primary connections for changing from 100-5 ratio to 200-5, or vice versa, are located in the top head casting on the insulating bushing. The diagram showing connections for changing ratio is marked on a plate immediately below the nameplate. The primary connections are marked "L" and "K" in white raised letters on the head casting. The polarities correspond to the equivalent letters on the two secondaries which are marked "1K-1L" (for metering) and "2K-2L" (for relaying).

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