



Consumer and  
Corporate Affairs

Consommation et  
corporations

Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

**T-109**

Ottawa, April 6, 1976

H. K. PORTER TYPES "CO-25", "CO-35", "CO-46"  
AND "CO-69" CURRENT TRANSFORMERS

Primary currents	10 x 20, 20 x 40, 25 x 50, 50 x 100, 75 x 150, 100 x 200, 150 x 300, 200 x 400, 300 x 600, 400 x 800 and 600 x 1200 amperes
Secondary current	5 amperes
Accuracy at 60 Hz	(1) 0.3 B-0.1, B-0.2, B-0.5, B-0.9, B-1.8 (high and low ratios)
Nominal Voltage Class	Signified by the type designations
Number of Secondaries	1
R. F. (rating factor)	1.5 for ratings 10 x 20 to 300 x 600 incl. 1.0 for ratings 400 x 800 and 600 x 1200
Style	Post-type, oil insulated, outdoor

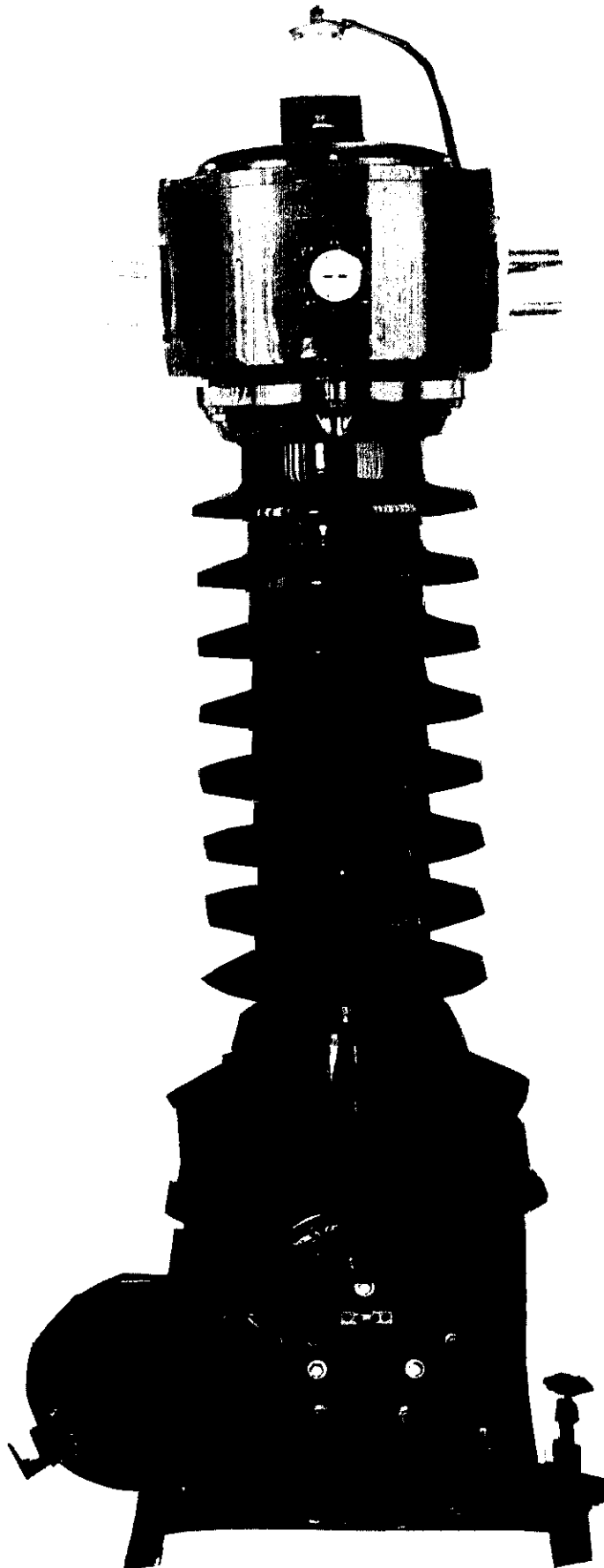
(1) The nameplates are marked 0.3 B-1.8 (both ratios)

Description

The Type "CO" are post-type oil insulated designed for outdoor use.

The one piece high voltage bushing is made of wet-process porcelain and glazed in a grey or chocolate brown colour.

The aluminum alloy dome which is bolted to the top of the bushing accommodates the lightning arrestor, the oil gauge and the primary terminals including the interconnecting links.



TYPE CO-69

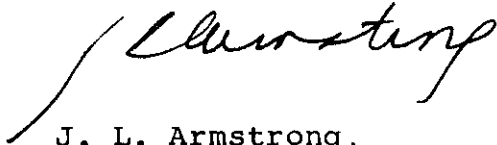
The core and coil assembly is immersed in oil and contained in a steel tank at the base of the transformer.

The secondary terminals, identified as "X1" and "X2" are located in a weatherproof detachable junction box on the side of the tank. The X1 terminal is marked with a white dot to identify its polarity with "H1".

The primary winding consists of two identical sections, which can be connected in series by means of the inter-connecting links on the dome to provide the low ratio, or in parallel to provide the high ratio which is double the low ratio. The ampere-turns rating remains the same for both ratios and the accuracy characteristics are very similar. The only Type "CO" transformers approved for revenue metering are those employing the series-multiple primary winding for obtaining double ratios.

Approval granted to

H. K. Porter Company (Canada)  
Limited,  
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