



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA October 19, 1961.

TYPE APPROVAL

LANDIS & GYR TYPE "TCA3.1" CURRENT 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: Type "TCA3.1" Current Transformers, manufactured by Landis & Gyr, Zug, Switzerland, and distributed in Canada by Landis & Gyr, Inc., 725 Decarie Blvd., Montreal 9, P. Q.

Rating of Apparatus:

- Primary Currents 200, 400, 600 amperes
- Secondary Current 5 amperes
- Voltage Rating 600 volts
- Accuracy Rating 0.3B0.1^{*}, B0.2^{*}
- Frequency 60 cycles
- Style Dry Indoor
- R.F. (rating factor) 2[#]

* Marked on nameplate

The R.F. of 2 indicates that these transformers are approved for use in situations where the secondary current may reach 10 amperes. The accuracy rating under this condition remains unchanged.

Description: This wound-type current transformer is of dry type construction having the core and windings potted in a moulded resin compound of high mechanical and electrical stability. The manufacturer claims the material to be heat-resistant, fungus-proof, and not susceptible to supporting combustion and thus the transformers may be employed in humid or corrosive atmospheres.

The secondary terminals are countersunk in the moulded case and provided with a terminal cover with sealing screw. No short-circuiting device is provided. The primary terminal bars are engraved with the polarity markings H₁ and H₂, and the secondary terminals are identified by X₁ and X₂ printed on the nameplate. Polarity is subtractive.

E. F. Power

E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

Ref: A-770

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