



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

T-89

OTTAWA March 23, 1973.

Ritz Type "GSW30 Size 0" Current Transformers

Primary Currents	25, 50, 50/25, 100, 150, 200, 250, 300, 400 450, 500 and 600 amperes	①
Secondary Current	5 Amperes	*
Accuracy Rating at 60Hz	0.3B0.1, B0.2, B0.5, B0.9, B1.0, B1.8, B2.0	
R.F. (rating factor)	1.0	
Frequency	60 Hz	
Nominal Voltage Class	25 kv	
BIL	150 kv	①
Number of Secondaries	1, untapped or tapped	
Wire	2	
Style	Post type, indoor, moulded	

* The nameplates are marked 0.3B2.0.

① The double ratio is obtained by means of a tap on the secondary winding.

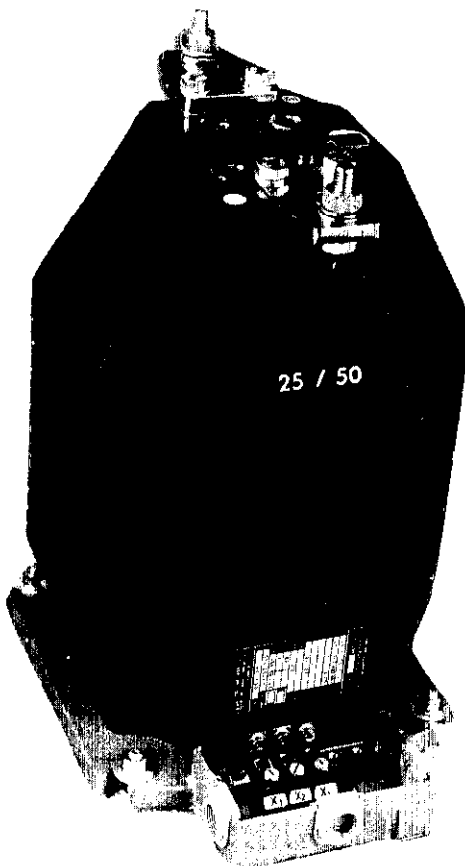
Description

These transformers are post type with wound primary windings, and have the core and coil assembly completely enclosed in cast resin.

The primary winding terminates at tapped studs marked "H1" and "H2" moulded in the resin at the top of the transformer to which horizontal, vertical or flat primary terminals may be bolted. The illustration shows the horizontal type.

Secondary terminals are bars bolted to studs set in the resin at the base of the transformer inside a terminal box provided with a sealable plastic cover.

They are identified as "X1" and "X2" for transformers with untapped secondary windings, and "X1", "X2", "X3" for transformers with tapped secondary windings.



RITZ	
Type	GSW 30 Size O
SER.	/
Volt Cl.(IC)	25 kV
BIL	150 kV
Frequency	60 Hz
I _{therm}	3.5 kA
I _{dyn(mechan)}	8.75 kA
R.F.	1.0
Primary	50/25 A
Secondary	5 A
Burden and Accuracy:	
0.3 B 2.0	
50-5	X1-X3
25-5	X1-X2
395168/40K	

In all cases the secondary terminal marked "X1" has the same polarity as the primary terminal "H1".

In the case of double ratio transformers, the low ratio is available from terminals X1-X2 and the high ratio from X1-X3.

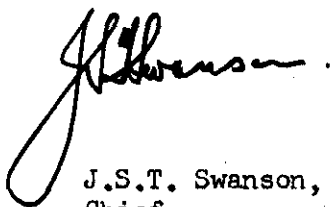
The transformer illustrated is provided with holes in the secondary terminals through which, by means of screws, any or all of the terminals may be connected to a grounding bar.

This method of grounding secondary terminals is not permitted and transformers for use in Canada will not have these holes.

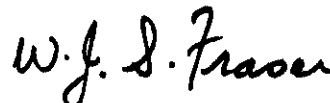
The nameplate on the transformer illustrated is not approved and will be changed in accord with the drawing below the illustration.

Approval Granted to:

Agent Dr. Ing Hans Ritz
Hamburg, Germany
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