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

STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

T-81

OTTAWA July 17, 1972.

I.T.E. CIRCUIT BREAKER (CANADA) LIMITED
TYPES "MC5M" and "MC15MI" CURRENT TRANSFORMERS

Primary Currents(1)	1000, 1200, 1500, 1600, 2000, 2400, 2500, 3000, 3200, 4000 amperes
Secondary Current	5 amperes
Accuracy Rating at 60 Hz(2)	0.3B0.1, B0.2, B0.5, B0.9, B1.0, B1.8, B2
Frequency	60 Hz
R.F. (rating factor)	1.0
Voltage Class	
MC5M	5 kv
MC15M1	15 kv
Number of Secondaries	1, tapped or untapped
Wire	2
Style	Window type, indoor, moulded

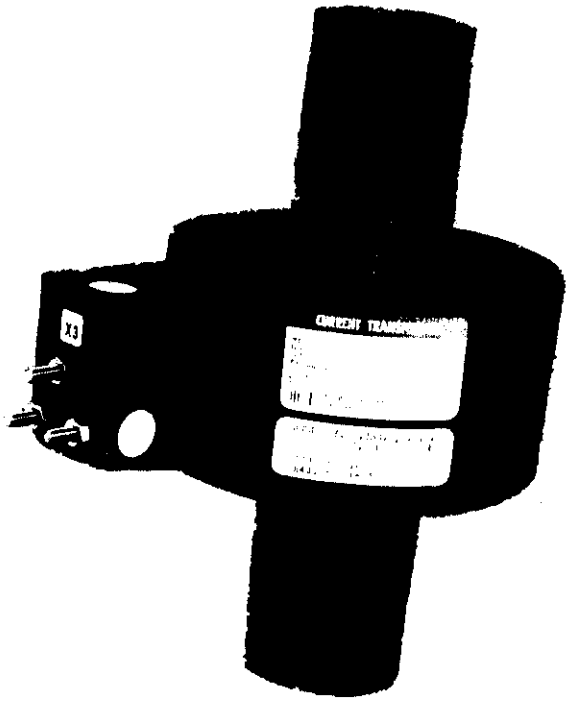
(1) Transformers may have any combination of the primary currents listed.

(2) The accuracy rating marked on the nameplates is 0.3B0.9; 0.6B1.8.

Description

These transformers are window type and have integral insulating tubes through which the primary conductor passes. The insulating tube of the type MC15M1 is longer than that of the type MC5M.

Each transformer has a single secondary winding with leads brought to terminals mounted on an extension of the body.


X3

Transformers with untapped secondary windings have terminals identified as "X1" and "X2" and transformers with tapped secondary windings have up to five terminals identified as "X1", "X2", "X3", "X4" and "X5".

"X1" is the start of the secondary winding corresponding in polarity to the primary entrance side which is marked "H1".

On transformers with tapped secondary windings it is not necessary that "X1" be the common terminal for all ratios, but in all cases, the secondary terminal with the lower suffix will have the same polarity as "H1".

Transformers may be encountered where by using certain pairs of terminals, ratios other than those listed may be available, but it should be noted that these unlisted ratios are not approved for revenue metering.

The illustration shows the identification of the secondary terminals to be used to obtain the desired ratio.

Transformers covered by this approval are made in Canada.

Approval granted to:

I.T.E. Circuit Breaker (Canada) Ltd.,
Eastern Power Devices Division,
Port Credit, Ontario.

J.S.T. Swanson, P. Eng.,
Chief, Standards Laboratory,
Standards Branch.

W.J.S. Fraser,
Chief, Electricity and Gas Division,
Standards Branch.

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