

TRADE AND COMMERCE  
CANADA

S-EA.557

STANDARDS BRANCH

OTTAWA July 12, 1962.

TYPE APPROVALSANGAMO TYPE "MV-50" DUAL-RATIO CURRENT TRANSFORMER

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chap. 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "MV-50" Dual-Ratio Current Transformer, manufactured by the Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:  
 Primary Current ..... 10/5, 20/10, 30/15, 40/20, 50/25, 100/50, 150/75,  
 200/100, 300/150, 400/200 and 600/300 amperes  
 Secondary Current ..... 5 amperes  
 Accuracy Rating: High Ratio ... 0.3B0.1, B0.2, B0.5, B0.9<sup>\*</sup>; 0.6B(2x0.9), B1.0,  
 B2.0  
 Low Ratio .... 0.6B0.1, B0.2, B0.5, B0.9<sup>\*</sup>  
 Voltage Rating ..... 5.0 KV  
 Frequency ..... 60 cycles  
 Wire ..... 2  
 R.F. (rating factor) ..... 1.5  
 Style ..... Dry Indoor  
 Thermal Rating, continuous .... 1.5 x rated current  
 Thermal Rating, 1 second ..... 110 x rated current  
 Short Time Mechanical Rating .. 250 x rated current

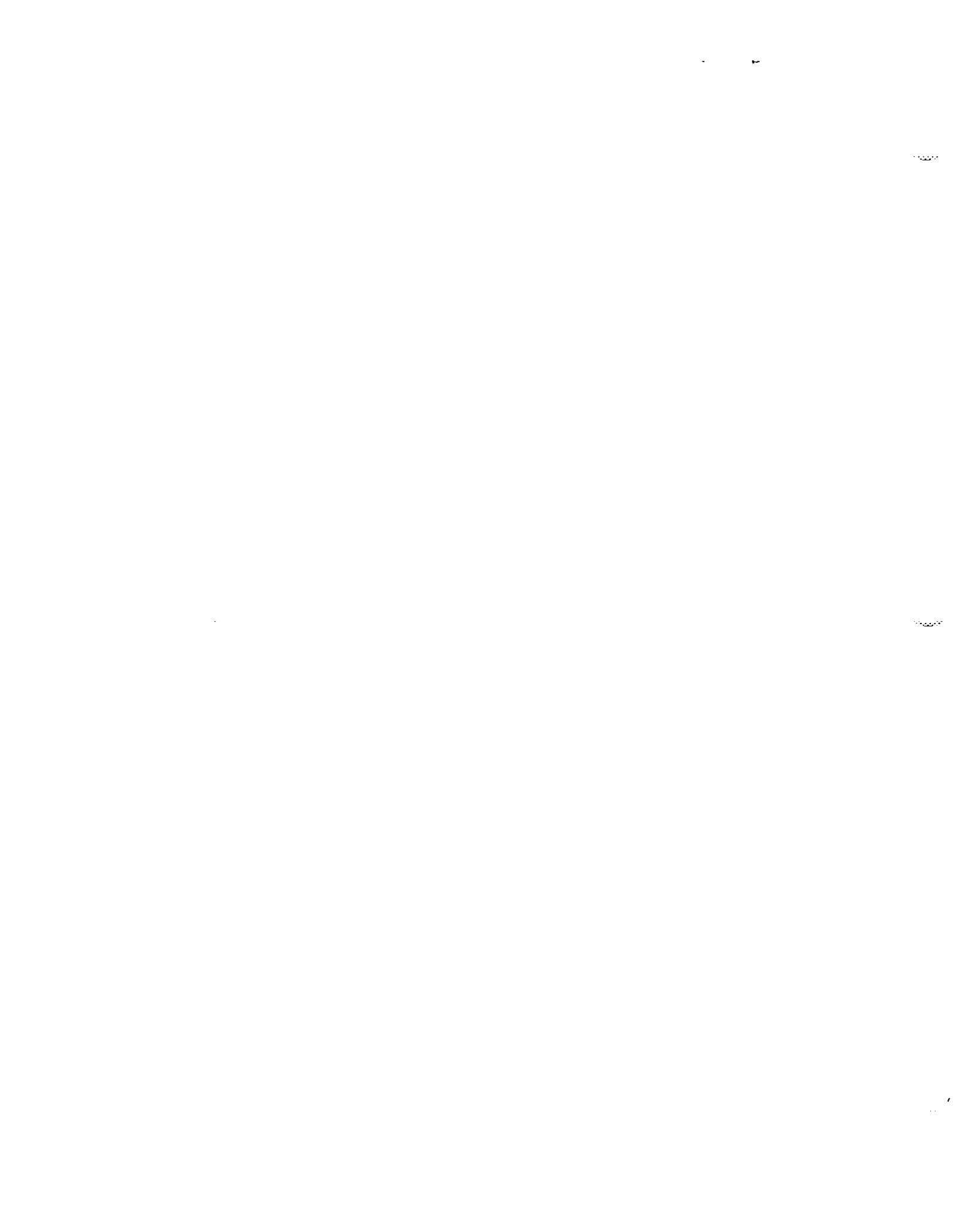
\* marked on nameplate.

Description: The design of these transformers is identical with that of the type "MV-50" single-ratio that received approval under Circular S-EA.318-Amended of June 25, 1962, with the exception of the centre tap on the secondary winding and a slight increase in the cross-section of the core. Two secondary terminal blocks are provided, one for each ratio, located on opposite sides at the top, with the polarity being indicated by white moulded dots adjacent to the respective terminals. Only one link for short-circuiting the secondary winding is provided and it will normally be found on the higher ratio side; when the transformer is in service, the link must be in the open-circuited position regardless of the ratio in use. Because of the limited space on the nameplate, the accuracy ratings are stamped in the location usually covered by the utility's number tag.

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Ref: A-674C



SANGAMO TYPE "MV-50" DUAL-RATIO CURRENT TRANSFORMER

