



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

T-16

OTTAWA June 21 1966.

NOTICE OF APPROVAL

FOR

FERRANTI-FACKARD TYPES ED5, ED8.7, ED15  
CURRENT TRANSFORMERS

Apparatus

Primary Amperes	5, 10, 15, 20, 25, 40, 50, 75, 100, 150, 200, 300, 400, 600, 800, 1000, 1200
Secondary Amperes	5
Voltage Rating	Type ED5        °5 KV Type ED8.7     °8.7 KV Type ED15       °15 KV
Accuracy Rating	
√ Old Design	0.3B0.1, B0.2, B0.5, B0.9* B(2 x 0.9), B1.0, 0.6B2.0
# New Design	0.3B0.1, B0.2, B0.5, B0.9* B(2 x 0.9), B1.0; B2.0
Frequency	25 and 60 cycles
Rating Factor:	
Ratios 5/5 to 800/5 incl.	1.5
Ratio 1000/5	1.25
Ratio 1200/5	1.0

° The number at the end of the type designation signifies the KV rating.

√ Transformers of the old design have serial numbers below 2-60700. The accuracy rating given here is for 60 cycles only.

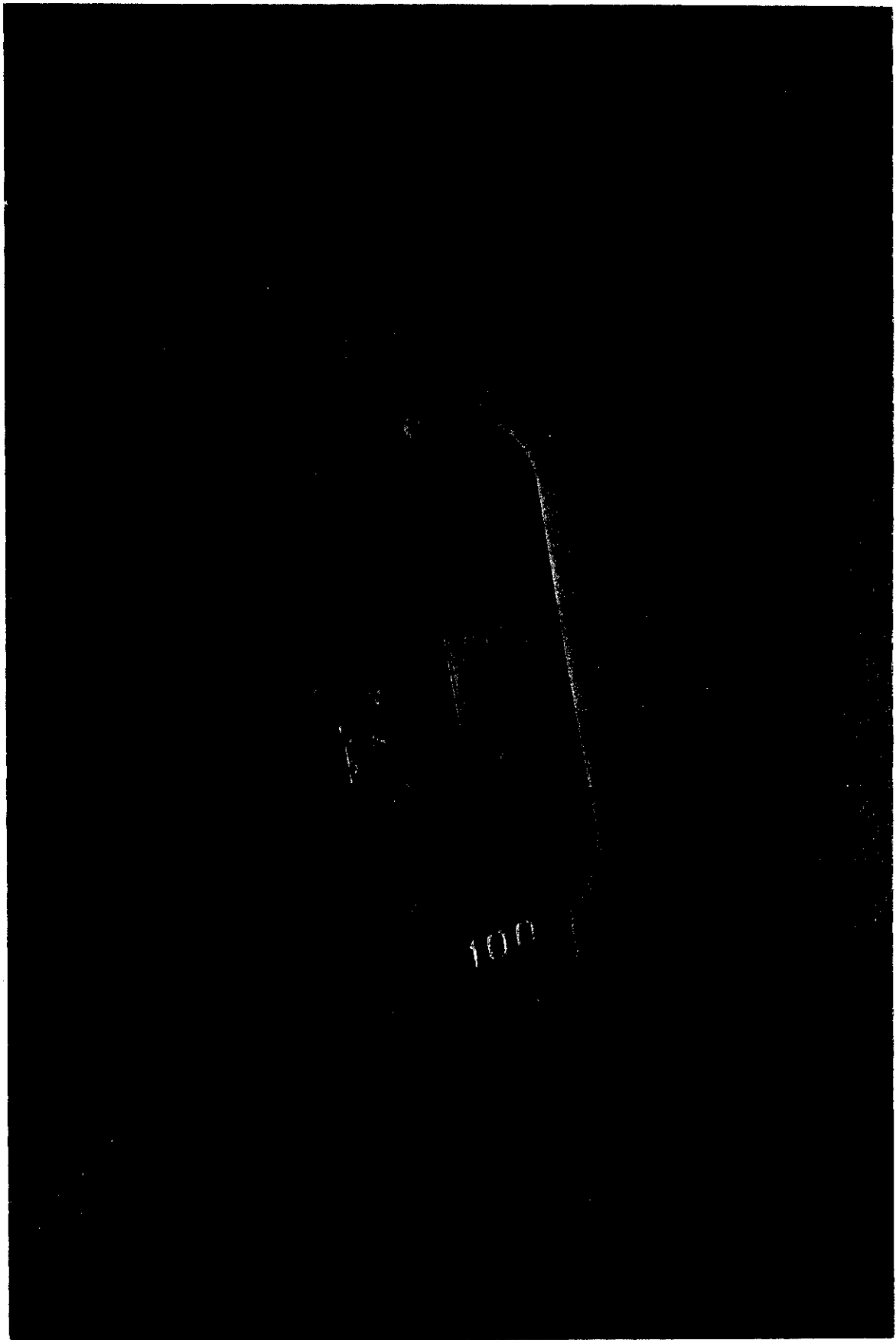
# Transformers of the new design have serial numbers 2-60700 and above. The accuracy rating given here is for 25 and 60 cycles.

\* Accuracy marked on the name plate is 0.3B0.9.

Description

These transformers are of dry moulded design for indoor use. The winding is made up of two sections connected in series and wound on a core of grain oriented steel. The polarity is subtractive and is indicated by white dots moulded adjacent to the corresponding primary and secondary terminals. Links are provided for short circuiting the secondary terminals.

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The overall length of the primary bars is:

15" for Type ED5  
16" for Type ED8.7 and  
18" for Type ED15.

The basic Ampere Turns rating is 1200.

For the 800/5 ratio it is 1600 ampere turns. For the 1000/5 ratio it is 1000 ampere turns.

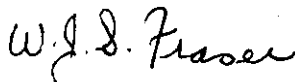
Types ED5 and ED8.7 were previously approved in the old design for ratios of 5/5 to 600/5 inclusively under circulars S.EA-573, and S.EA-572 respectively, Dec. 5, 1962. They were later redesigned for improved accuracy and the higher voltage rated type ED15 was added. The new design was approved as follows:


Type ED5 under circular S.EA-626, May 29, 1964  
Type ED8.7 under circular S.EA-625, May 29, 1964  
Type ED15 under circular S.EA-624, May 19, 1964.

Serial numbers of the transformers of the new design are 2-60700 and higher.

This approval supersedes the last three circulars mentioned above and includes ratios 800/5 amps, 1000/5 and 1200/5 amps.

Approval granted to: Ferranti-Packard Electric Limited,  
St. Catharines,  
Ontario.

  
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Chief, Standards Laboratory,  
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Ref: SL-100-980B