



S-EA.630

DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

OTTAWA, July 2, 1964.

TYPE APPROVAL

FERRANTI-PACKARD TYPES "B3TA" AND "B3TS" SINGLE-PHASE  
COMBINATION THERMAL DEMAND-ENERGY METERS

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: Types "B3TA" and "B3TS" Single-Phase Combination Thermal Demand-Energy Meters, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Current Range (Amperes) .....	0.12-6.5	0.12-10
Voltage .....	115 or 120 volts	
Wire .....	2 (transformer type)	
* Indication .....	90% - 16 minutes	
Scale Graduation .....	1500	1200
# Multiplier .....	.5	1
Register Ratio .....	166-2/3	333-1/3
Register Type .....	Clock and Cyclometer	
Disc Constant (kh) .....	0.3	0.3
Frequency .....	60 Hz (cycles)	
Nameplate .....	English - French	

\* Synonymous with "Response Period"

# Applies to watthour and demand readings

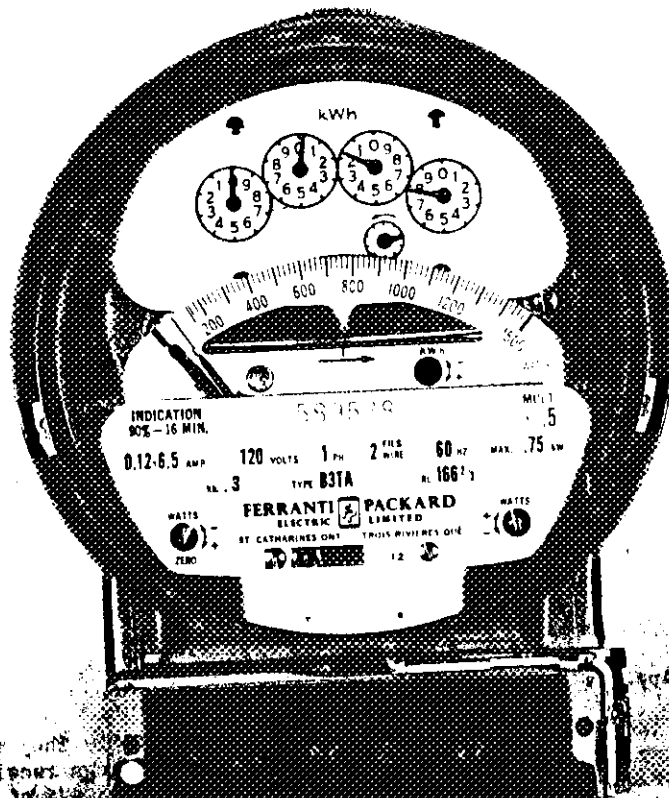
Description: These are additional ratings of the type B3T. They are transformer type and are similar to the 240 volt ratings receiving approval under circulars S-EA.454 of May 30, 1960 and S-EA.475 of October 11, 1960 in that the corresponding current ranges have the same register ratios, Rr, on 120 volts as on 240 volts, but the disc constant and the multipliers are half the values given for the 240 volt versions.

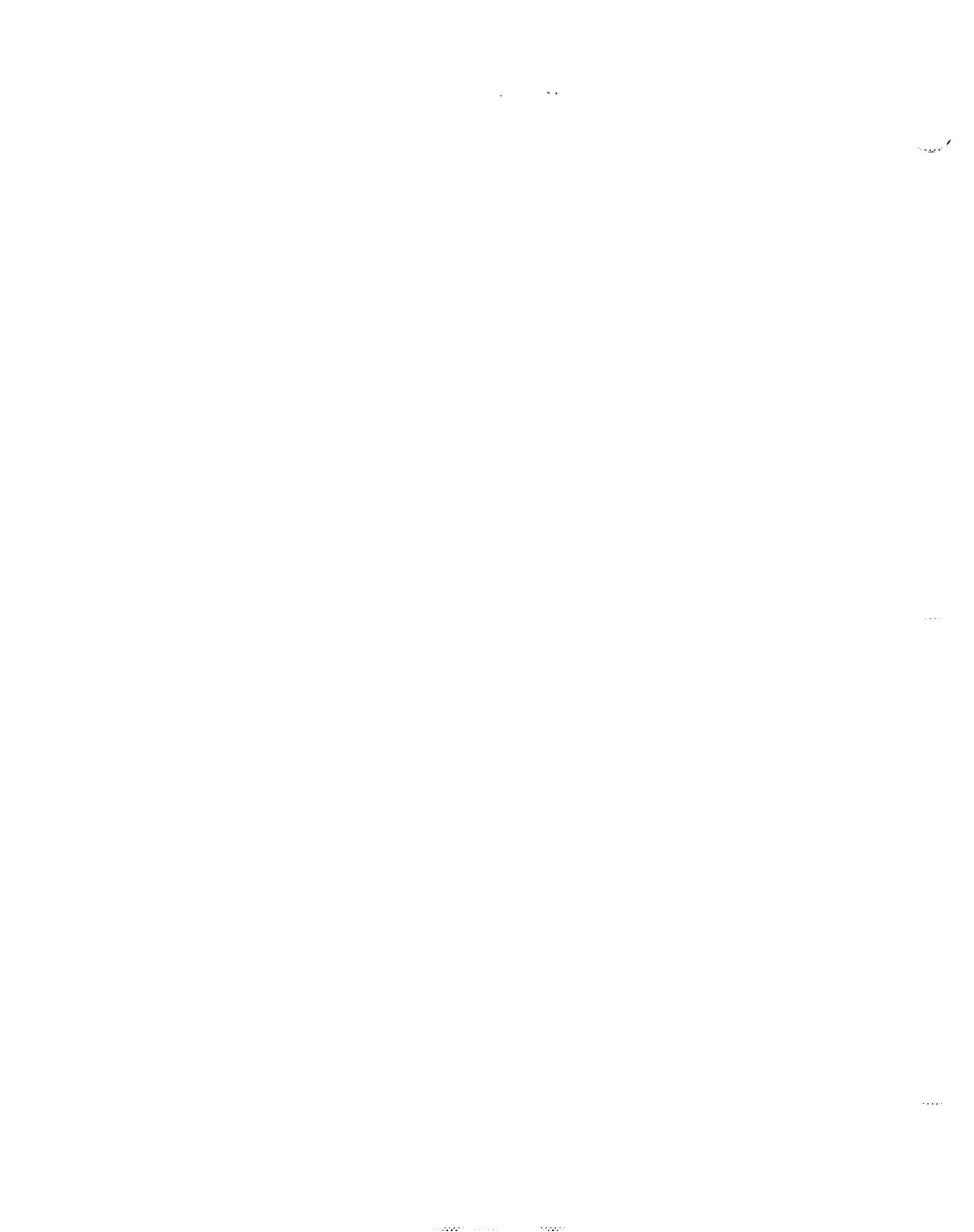
Illustrated on this circular is an English-French nameplate differing from the English nameplate as follows:-

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- (1) "Response Period" has been changed to "Indication 90% - 16 min."
- (2) 60 cycles becomes 60 Hz
- (3) "Multiply both readings by" has been changed to "Mult x ".

In each case the meaning is the same, but special note should be taken that although the multiplier is no longer printed on the register face, the multiplier on the nameplate still applies to the watt-hour readings.

This English-French nameplate is approved for use on all approved ratings of the type "BJT".

Other pertinent circulars are S-EA.514 and S-EA.548.

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Reference: A851 I & J

