



TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA, January 6, 1959.

TYPE APPROVAL

FERRANTI-PACKARD TYPES "B2A" AND "B2S"  
2-WIRE/3-WIRE WATTHOUR METERS

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

Apparatus Approved: Types "B2A" and "B2S" 2-Wire/3-Wire Single-Phase Watthour Meters, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:	<u>As 2-Wire</u>	<u>As 3-Wire</u>
Current Range .....	1.5-100 amperes	0.75-100 amperes
Voltage .....	115 or 120	230 or 240
Wire .....	2	3
Frequency .....	60 cycles	60 cycles
K <sub>h</sub> .....	3.6	3.6

Description: This is an addition to the type "B2" approval granted under circulars SD-EA.342 of March 4, 1958 and SD-EA.356 of May 26, 1958. The voltage coil is wound in two halves. On 115 volts the two halves are in parallel, giving full voltage flux. On 115 volts the outer or left-hand current coil is connected normally and the inner or right-hand coil is disconnected and the terminals jumpered together. On 230 volts the two halves of the voltage coil are connected in series and both current coils are connected to their proper terminals.

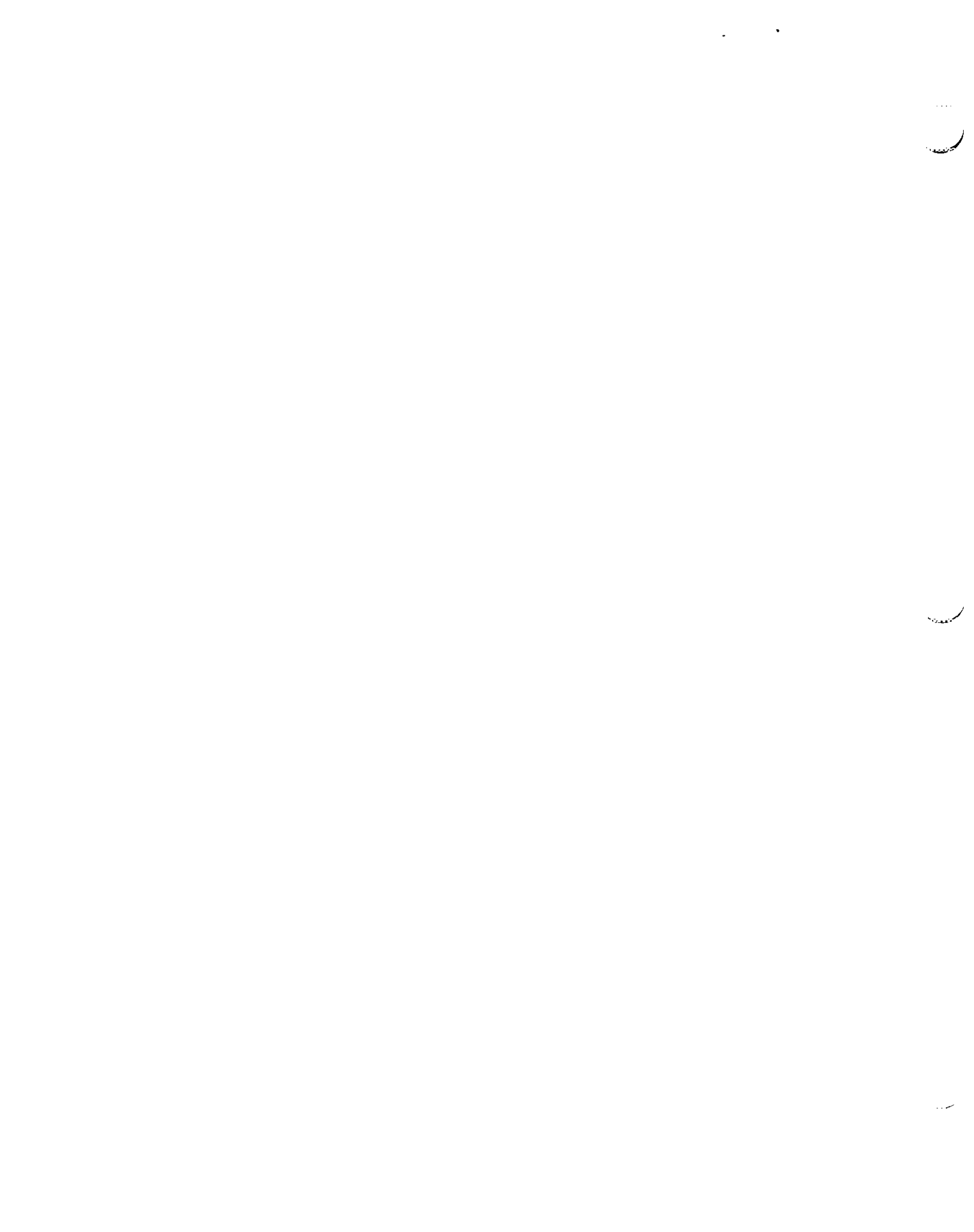
The steps to convert from 2- to 3-wire are as follows:-

1. Move the fanning strip on voltage terminal board from 115- to 230-volt position.
2. Unscrew the current circuit connector to disconnect the jumper and screw it down in position to connect the inner or right-hand coil.
3. Remove and discard the "2-wire" partial nameplate.

*R. W. MacLean*  
R. W. MacLean,  
Director,  
Standards Division.

*E. F. Power*  
E. F. Power,  
Assistant Director (E&G),  
Standards Division.

Ref: A-728D



FERRANTI-PAKARD TYPE "B2S" WATTHOUR METER

