



S-EA.611

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, February 5, 1964.

TYPE APPROVAL

FERRANTI-PACKARD TYPES "B3A" AND "B3S" DUAL-RATED
SINGLE-PHASE WATTHOUR 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 "B3A" and "B3S" Dual-Rated Single-Phase Watthour Meters, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Current Range	2-200 amperes (2-100 Amperes)*
Voltage	230 or 240
Wire	3
Frequency	60 cycles
Disc constant Kh	12
Register ratios	
Clock type 4-dial x 10	8 1/3
Clock type 5-dial x 1	8-1/3
Clock type 4/5-dial x 1	8-1/3

* Marked on removable partial nameplate.

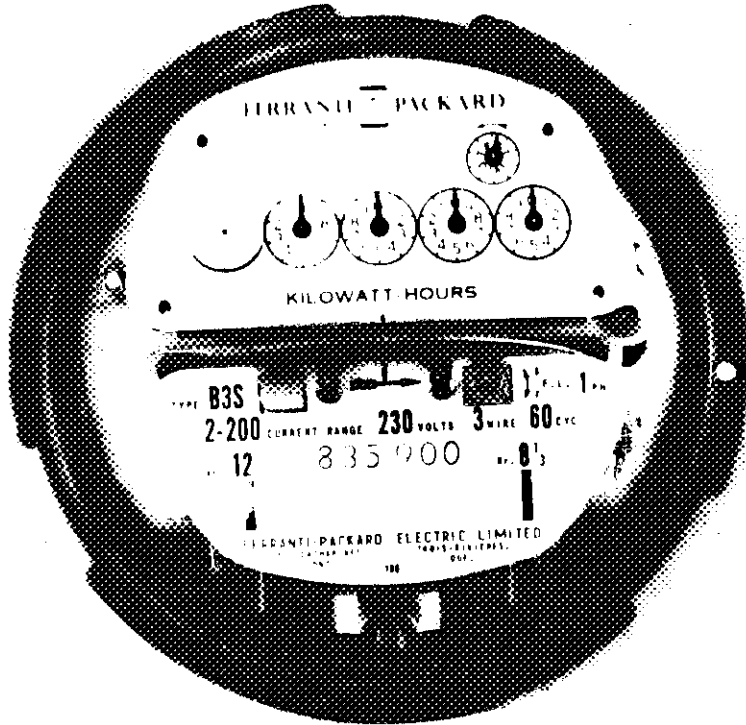
- o The 4/5-dial x 1 register is the standard 5-dial register with a white disc in place of the pointer over the highest reading dial completely obscuring the figures. When it is desired to change the 4/5 dial register to a straight 5-dial, this disc is slipped off the shaft and a pointer put in its place.

Description: The types "B3A" and "B3S" dual-rated single-phase watthour meters are basically identical to the 2-200 ampere 230-240 volt rating receiving approval under circular S-EA.473 of September 21, 1960, and the modification under S-EA.514 of July 26, 1961.

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S-EA.611

FERRANTI-PACKARD TYPES "B3A" and "B3S" DUAL-RATED
SINGLE-PHASE WATTHOUR METERS



TYPE B3S
2 100 AMP. 230 VOLTS 1 PH 3 WIRE 60 Hz

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The purpose of the dual rating is to provide a more universal meter that can be used on either 100-ampere or 200-ampere services, and the 4/5 dial register and the partial nameplate were developed in keeping with this purpose. The 4/5 dial x 1 register is also approved for use with any approved Ferranti-Packard watt-hour meter of suitable range.

Meters without the partial nameplate and hence of 200 ampere rating must be presented with a 4-dial x 10 register or with a 5-dial x 1 register.

This meter with the partial nameplate in place should not be confused with the type B3 voltage compensated meter covered by S-EA.535 of January 11, 1962. It is not voltage compensated and is not intended to be used on 115-120 volt 2-wire service.

W. J. Power

(for) E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

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