



S-EA.646

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, January 25, 1965.

TYPE APPROVAL

FERRANTI-PACKARD TYPES "B4A" AND "B4S" 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 "B4A" and "B4S" 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 volts
Wire	3
Frequency	60 cycles
Disc constant Kh	7.2
Register Ratios	
Clock type 4-dial x 10	138-8/9
Clock type 5-dial x 1	13-8/9
Clock type 4/5 dial x 1	13-8/9
Cyclometer type 4-dial x 10	138-8/9

* Marked on removable partial nameplate

Description:

The types B4A and B4S watthour meters have many parts in common with the presently-approved type B3S, but differ in that the current coils are of one-turn construction wound on a separate core. The types B4A and B4S watthour meters are available only with a current rating of 200 amperes, but as in the case of the B3S, a partial nameplate is available which, when in position, permits the meter to be presented as a 2-100 ampere rating. Meters without the partial nameplate and hence of 200 ampere rating must be presented with either a 4-dial x 10 register or a 5-dial x 1 register. The B4A meter is intended to be used only with a suitable connection box if the service entrance is over 100 amperes. The meter block itself will not accept 200 ampere wire.

This circular supersedes circular S-EA.637 of October 8, 1964, to include the Type "B4A".

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