

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-EA.548

OTTAWA May 17, 1962.

MODIFICATION OF TYPE APPROVALFERRANTI-PACKARD TYPES "B2TA", "B2TS", "B3TA", "B3TS"
SINGLE-PHASE COMBINATION THERMAL DEMAND-ENERGY METERS

The modification to 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 the modified apparatus may be admitted to verification in Canada.

Apparatus Modified: Types "B2TA", "B2TS", "B3TA" and "B3TS" Single-Phase Combination Thermal Demand-Energy Meters, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Current Range	2-200 amperes
Voltage	230 or 240 volts
Wire	3
Test Period	32 minutes
Scale Graduation	1500
*Multiplier	30
Register Ratio	250
Register Type	Clock and Cyclometer
Phase	1
Frequency	60 cycles

* Multiplier applies to both watthour and demand readings.

Description: The modification consists of the following changes to the already-approved 48-kilowatt meter:-

1. A 1500-watt demand scale replaces the 1200-watt scale.
2. The multiplier is changed from 40 to 30.
3. The register ratio has been changed from 333-1/3 to 250.

Pertinent Approval Circulars are:

S-EA.438, March 9, 1960
S-EA.465, July 22, 1960
S-EA.473, September 21, 1960
S-EA.514, July 26, 1961.

The types "B2TS" and "B3TS" are approved for use only with the high capacity socket. The "B2TA" and "B3TA" should be used with the high capacity connection box or with suitable adaptors.

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

E. F. Power
E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

Ref: A-851H



FERRANTI-PACKARD TYPE "B37A" DEMAND-ENERGY METER



