



TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, September 9, 1955.

TYPE APPROVAL

FERRANTI TYPE "FTA" SINGLE-PHASE COMBINATION
THERMAL DEMAND WATTHOUR METER

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: Type "FTA" Single-Phase Combination Thermal Demand Watthour Meter, manufactured by the Ferranti Electric Limited, Toronto, Ontario.

Rating of Apparatus:

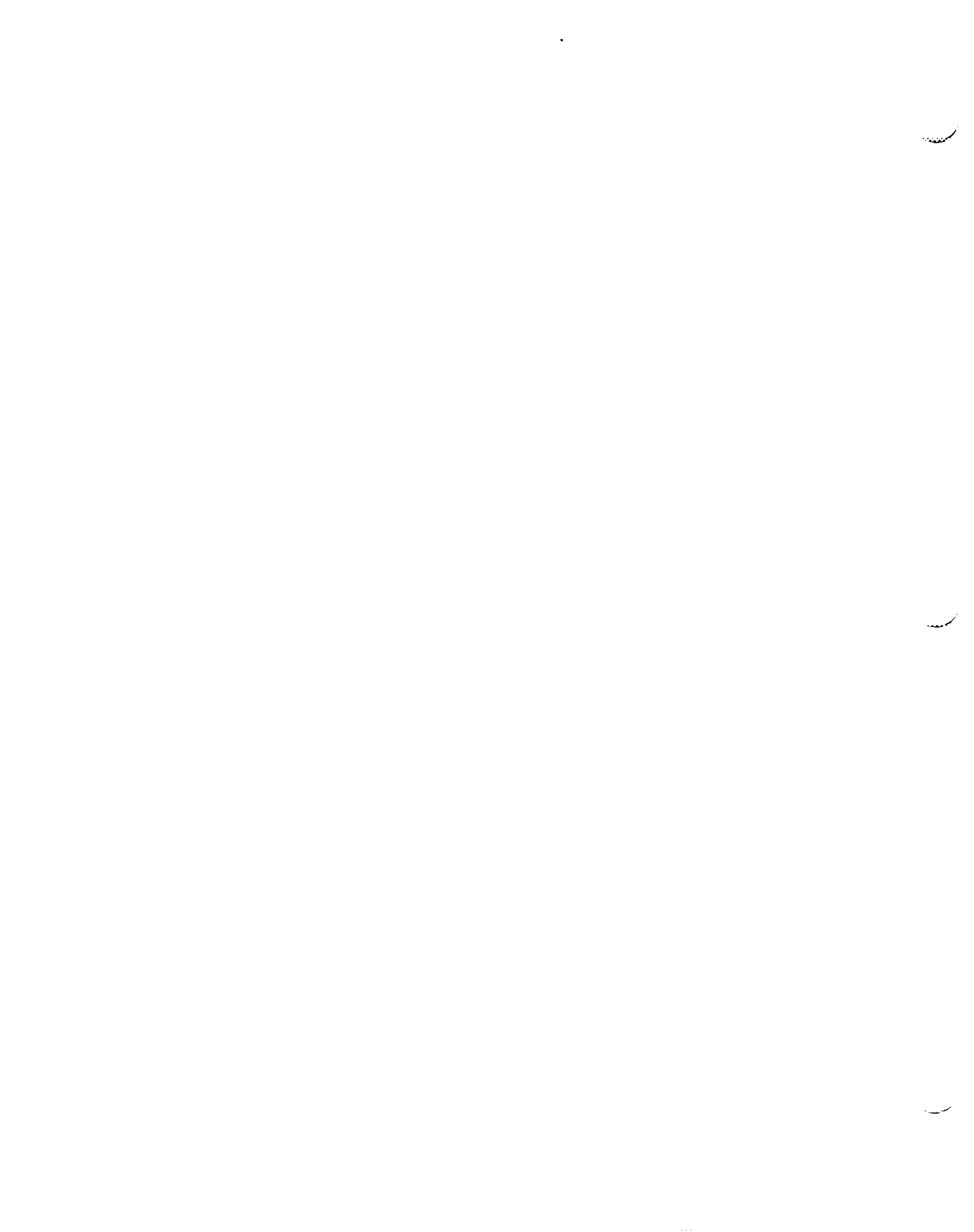
Nominal Amperes	25	50
Maximum Amperes	75	130
Volts	230 or 240	230 or 240
Wire	3	3
Test Period (in minutes)	32	32
Phase	1	1
Frequency	60 cycles	60 cycles

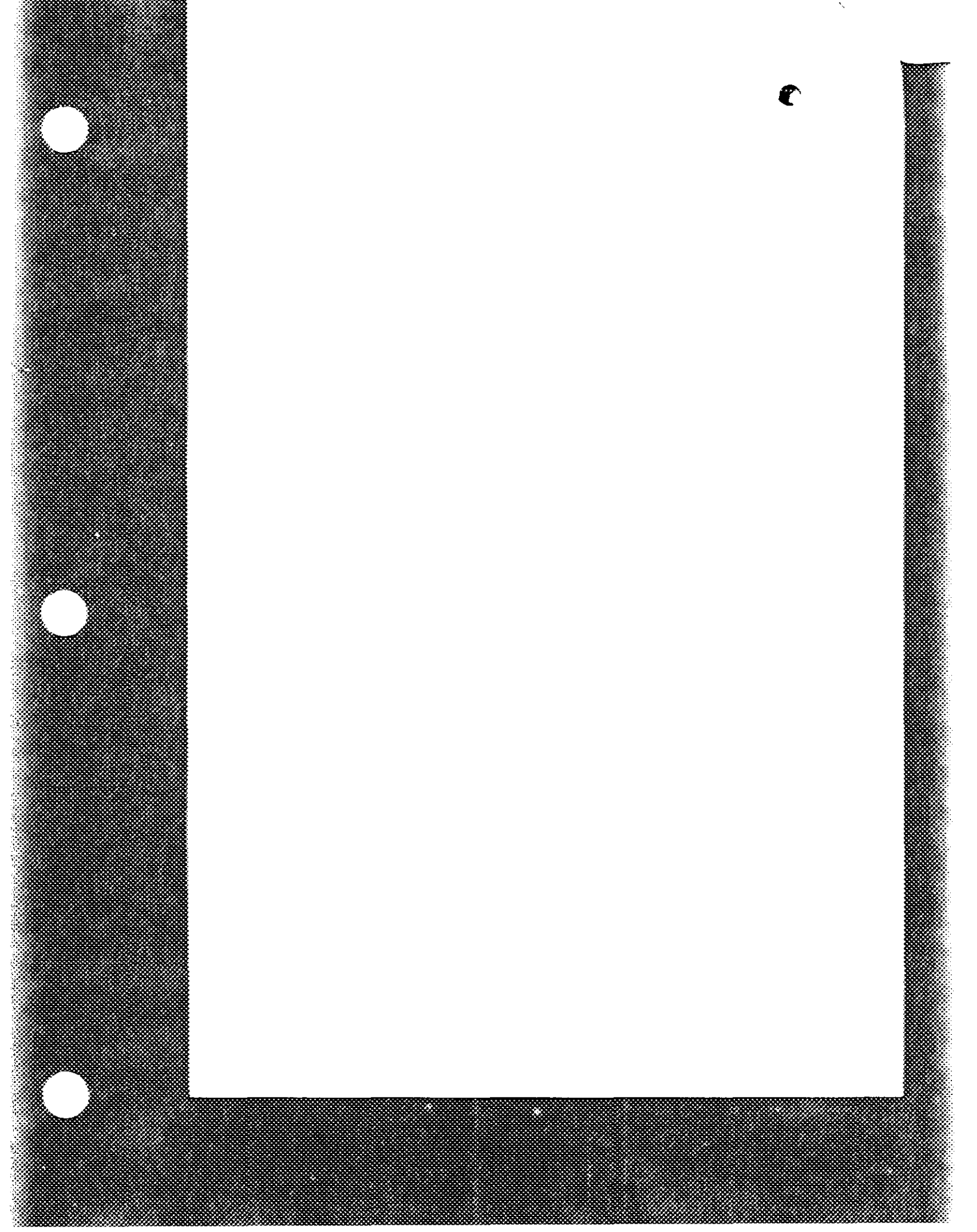
Description: The meters approved herein are identical, except for the capacities, to the type "FTA" approved under Circular SD-EA.206 of August 29, 1955. For full information as to ratings for the complete range of the type "FTA" meter see the attached sheet.

E. F. Power

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

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





RATINGS FOR FERRANTI TYPE "FTA" 60-CYCLE, SINGLE-PHASE
COMBINATION THERMAL DEMAND WATTHOUR METER

Nominal Amperes	5	5	10	10	15	25	50
Maximum Amperes	10	10	20	20	45	75	130
Volts	115 or 120	230 or 240	115 or 120	230 or 240	230 or 240	230 or 240	230 or 240
Wire	2	2 and 3	2	3	3	3	3
Disc Constant (K _h) .....	.6	1.2	1.2	2.4	3.6	6	12
Register Ratio	166-2/3	166-2/3	166-2/3	166-2/3	277-7/9	333-1/3	333-1/3
Multiplier (both readings) ...	.5	1	1	2	5	10	20
Demand Scale (watts).....	0 to 1500	0 to 1500	0 to 1500	0 to 1500	0 to 1500	0 to 1500	0 to 1500
Full Scale Demand (KW) .....	.75	1.5	1.5	3	7.5	15	30
Test Period (in minutes)	32	32	32	32	32	32	32



FERRANTI TYPE "F.T.A." ENERGY CONSUMPTION
THERMAL DEMAND METER

5713

