



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

E-36

OTTAWA May 10 1966.

NOTICE OF APPROVAL

FOR

SANGAMO TYPE "ED30" POLYPHASE DEMAND - ENERGY METERS

Apparatus

2 Element

Voltages	115, 120, 230, 240, 345, 460, 480, 575 and 600 volts						
Current Ranges (amperes)	.12-7.5*	.12-5**	.25-15*	.25-10**	.5-37.5	1.2-7.5	2.5-150
Full Scale KW	1.5	1.0	3	2	7.5	15	30
Multiplier	1	1	2	2	5	10	20
Disc constant (each disc)	1/6	1/6	1/3	1/3	1	1-2/3	3-1/3
Maximum Amperes at rated KW and volts	7.5	5	15	10	37.5	75	150

2 1/2 Element Wye

Voltages	120 and 345					
Current Ranges (amperes)	.12-8.5*	.12-6**	.25-20*	.25-14**	5-40	1.2-85
Full Scale KW	3	2	7.5	5	15	30
Multiplier	2	2	5	5	10	20
Disc constant (each disc)	1/2	1/2	1	1	2-1/2	5
Maximum Amperes at rated KW and volts	8.33	5.56	20.83	13.88	41.67	83.3

2 1/2 Element Delta

Voltages	115/230 and 120/240				
Current Ranges (amperes)	.12-7.5*	.12-5**	5-37.5	1.2-75	1.5-100
Full Scale KW	3	2	15	30	40#
Multiplier	2	2	10	20	40
Disc constant (each disc)	1/3	1/3	2	3-1/3	6-2/3
Maximum Amperes at rated KW and volts	7.5	5.0	37.5	75	100

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- * May be transformer type or self-contained, 1500 watt scale
 - ** Transformer type with 1000 watt scale
 - # Only self-contained rating with 1000 watt scale, all others have 1500 watt scale
 - ° 2-element meters with potential coils rated at 345 volts are available only in the transformer type of these ratings.
- For all the 2-element meters, the values given in the table are for those having 115 or 120 volt potential coils. For the higher voltages they are increased according to the voltage ratio.

Frequency	50 and 60 Hz - all ratings
Response Period	10 and 16 minutes - all ratings
Register	Clock type, individual on each element, or differential for totalizing the readings of each element.

Description

This is a reissue of circular S-EA.590 (amended) of April 7, 1964 to cover the addition of 2-element transformer type 345 volt ratings.

No other changes are involved.

Approval granted to: Sangamo Company Limited,
Leaside,
Toronto 17, Ontario.

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