



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

E-1

OTTAWA April 28, 1965.

NOTICE OF APPROVAL

FOR

SANGAMO TYPE "4L2" 2-ELEMENT AND 2½-ELEMENT Y COMBINATION
POLYPHASE DEMAND ENERGY METERS

Apparatus

3 Phase 3 Wire (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	1.2-75	2.5-150
° Full Scale KW:	1.5	1	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
Register Ratio (Rr overall):	6000	6000	6000	6000	5000	6000	6000
Max. Amperes at rated KW & Volts:	7.5	5	15	10	37.5	75	150
Response Period:	10 and 16 minutes - all ratings						
Frequency:	50 and 60 cycles - all ratings						
Register:	Clock type, individual on each element, or differential for totalizing readings of both elements (S-EA.493)						

3 Phase 4 Wire (2½-Element Y)

Voltages:	120, 240 and 345 volts			
Current Ranges (amperes):	0.12-6.0 ^{**}	0.12-8.5 [*]	0.5-40	1.2-85
° Full Scale KW:	2	3	15	30
° # Multiplier:	2	2	10	20
° Disc Constant (each disc):	1/2	1/2	2-1/2	5
Register Ratio (Rr overall):	4000	4000	4000	4000
Max. Amperes at rated KW & Volts:	5.56	8.33	41.67	83.3
Response Period:	10 and 16 minutes - all ratings			
Frequency:	50 and 60 cycles - all ratings			
Register:	Clock type, individual on each element, or differential for totalizing readings of both elements (S-EA.493)			

- * May be transformer type or self-contained, 1500-watt scale
- ** Transformer type with 1000-watt scale
- ° Full scale kilowatts, multiplier and disc constant are given for 115 or 120 volts
- # Applies to both watthour and demand readings.

Description

This is a re-issue of circular S-EA.583 (amended) of April 8, 1964, to include 2-element units with 345-volt potential coils and 2½-element Y units with 240- and 345-volt potential coils. The ratings covered by this circular are all current range rated and have an enclosed demand frame with dial and scale similar to that used in the "4L3". The former 2½-element Y ratings of 0.75-50 and 1.5-100 amperes have been changed to 0.5-40 and 1.2-85 amperes respectively, so that the current ranges of the "4L2" are now consistent with those of the types "4L3" and "ED30".

Approval granted to: Sangamo Co. Ltd., Leaside, Toronto 17, Ontario

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Ref: SL-100-588D



SEAPORT91

Begin New Directory

SEAPORT IMAGING

EnsignTM

Scanner Type: ALL

Function: Begin New Directory
Creates new directory at same level as current directory
by incrementing directory name.



