Certification Record

Customer	Class	File Number
Schneider Electric USA, Inc. Square D Raleigh (Knightdale) Plant, 8001 Knightdale Blvd Knightdale NC USA 27545	3211-05 INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Manual	025490_S_000

Across-the-line starters

- Class 2510, open or enclosed, Type F, 1 hp max, 115 or 230V ac, single-phase, 1- or 2-poles; 3/4 hp max, 115 or 230V dc; 1 hp, 277V ac; 2 hp, 230V ac; single-phase, two interrupting poles.
- Class 2510, Type K, open or enclosed (less overload trips), 2- or 3-pole, double break, rated: 2-pole, single-phase, 2 hp, 115V, 200-230V, 3 hp, 460-575V; 2- or 3-pole, polyphase, 2 hp, 115V, 7.5 hp, 220-240V ac, 10 hp,460-575V; 30A, 250V, 30A, 600V ac or 2 hp, 115V dc; 1-1/2 hp, 230V dc; two interrupting poles.
- Class 2510, Type FW, (Encl. 4,5), 1 hp, 115 or 230V ac 1-ph, 1-or 2-pole; 3/4 hp, 115 or 230V dc, 2 interrupting poles.
- Class 2510, Type KW, (Encl 4,5), 2-pole, 1-phase, 1 hp, 115V, 2 hp, 200-230V, 3 hp, 460-575V; 2-or 3-pole, polyphase, 2 hp, 115V, 5 hp, 200-230V, 10 hp, 460-575V; 30A, 250V ac, 20A 600V ac, resistive.
- Class 2511 (reversing), open or enclosed, Type K, 2-or 3-pole, 1-phase, 1 hp, 115V, 2 hp, 200-230V, 3 hp, 460-575V 3-pole, polyphase, 2 hp, 115V, 5 hp, 200-230V, 10 hp, 460-575V.
- Class 2512 (two speed, separate winding), open or enclosed. Type F, 1- or 2-pole, 1 hp, 115-230V, 1-phase; 3/4 hp, 115-230Vdc (2-pole). Type K, 2-pole 1-phase, 1 hp, 115V, 2 hp, 200-230V, 3 hp, 460-575V. 3-pole, polyphase, 2 hp, 115V, 5 hp, 200-230V, 10 hp, 460-575V.

Note: 1- or 3-phase constant hp, constant or variable torque 2 hp, 115V, 3 hp, 200-230V, 5 hp, 460-575V.

- Class 2601 enclosed drum-type reversing switches; Types AG-1, -2, AH-2 (Enc 3) and AW-2 (Enc 4) rated 1-1/2 hp, 115V, 2 hp, 230V, single phase; 2 hp, 115-575V polyphase; 1/4 hp, 115-230V dc; Type AG-3 rated 1 hp, 115-230V single phase, 1 hp, 115-230V polyphase; Types BG-1 and BW-1 (Enc 4) rated 1-1/2 hp, 115V, 3 hp, 230V, 5 hp, 460-575V single phase, 3 hp, 115V, 5 hp, 200-230V, 7-1/2 hp, 460-575V, polyphase; 2 hp, 115-230V dc.
- Class 9007, open, Types AO-1A, AO-1B, AO-2A and AO-2B, 1/2 hp, 115-230V, single-phase; 600V max, standard pilot duty.
- Class 9003, cam-operated controllers, Types K1, K2, K11 and K112. Electrical ratings as follows:

	Max		Horsepower, 1 ph, 2 pole			
Type	V	Amps	120V	208V	220V	240V
K1, K11	300	10	1/6	1/3	1/3	1/3
K2, K112	300	12	1/2	1	1	1

	Max		Horsepower, 3 ph, 3 pole			
Type	V	Amps	120V	208V	220V	240V
K1, K11	300	10	1/2	1	1	1
K2, K112	300	12	1-1/2	3	3	3

AC across-the-line starters, open or enclosed type, 240V ac max, 1-ph, 600V ac max, 3-ph, as follows:

- Cat Nos C10 and C11 with suffixes, single unit, C12 with suffixes and C13 with suffixes, double unit, 1- or 2-pole (each unit), ratings 120-240V ac, 1 hp, 1-pole, 120-240V ac, 120-240V dc, 1 hp, 2-pole.
- Cat No C1 with suffixes 1 or 2 pole, single or double units, 1 pole devices rated 1 hp, 120-240V ac, 2 pole devices rated 1 hp, 120-240V ac, 1 hp, 120 or 240V dc.

Notes:

1. The open type units and the Class 2510 Types F and K Flush Plate mounted units are certified for use only as components of other equipment where the combination is acceptable to CSA International.
2. The type designation is followed by suffixes denoting constructional differences and optional features.
3. Class 2601, Type AG-1 may be suffixed with -X1 or -X2 to designate a special nameplate.
4. Cat No C1, catalogue numbers include suffixes to indicate number of poles starter size, etc.

- Class 9421, manual motor controllers, enclosed, 3-pole, Types V1A30, V2A30, V1G30, V2G30, V1W30, V2W30, AEQ3127G5 and AEQ3127G6. Maximum ampere and hp ratings are as follows: Maximum Horsepower, 3-phase, 3-pole:

Type	120V	200V	208V	240V	480V	600V	Amps
V1	2	5	5	5	10	10	20
AEQ-G5	2	5	5	5	10	10	20
V2	3	5	7.5	7.5	15	20	25
AEQ-G6	3	5	7.5	7.5	15	20	25

Notes:

1. The Types V1A30, V2A30, AEQ3127G5 and AEQ3127G6 devices are suitable for use in Type 12 applications.
2. The Types V1W30 and V2W30 devices are suitable for use in Type 4/4X applications (indoor use only).
3. Devices may be provided with Class 9421, Type VZ20 and V27 auxiliary contact modules. Across-the-line-starters.

- Class 2510, open and enclosed types (CSA Enclosure Types 1, 4, 4X and 12), Types MB, MC, TB and TC (with suffixes); 600V ac and less, 5 hp and less, single-phase; 10 hp and less, polyphase, 230V dc and less, 2 hp and less.

Note: Class 2510 starters which have been investigated for group fusing are marked with the rating of the maximum size fuse with which they may be used.

- Class 2511, manual, (reversing) open and Type 1 enclosed types, Types MBG, MBO, MCG, MCO, TBG, TBO, TCG and TCO with suffixes, 600V ac and less, 10 hp and less, polyphase; Class 2512 (two speed) open and Type 1 enclosed types, Types MBG, MBO, MCG, MCO, TBG, TBO, TCG and TCO with suffixes, 600V ac and less, 10 hp and less, polyphase. See Table 1 for complete ratings.

	Max Horsepower Rating Polyphase				
	115V	200V	230V	380V	460/575V
2511, MBG-1,MBO-1,					
TBG-1,TBO-1	2	3	3	5	5
MCG-1,MCO-1,					
TCG-1,TCO-1	3	7-1/2	7-1/2	10	10
2512, MBG-1,MBO-1,					
TBG-1,TBO-1	2	3	3	5	5

MCG-1,MCO-1,					
TCG-1,TCO-1	3	7-1/2	7-1/2	10	10

Notes:

1. Open type units are Certified for use only as components of other equipment where the acceptability of the combination has been determined by CSA International.
2. The type designation is followed by suffixes denoting constructional differences and optional features.

- Class 2510, enclosed (CSA Type 4), Types FW-1 and FW-2, Series A or B, 1 hp, 115 or 230V ac, 1-ph, 1-or 2-pole; 3/4 hp, 115 or 230V dc, 2 interrupting poles.
- Class 2510, enclosed (CSA Type 4), Types KW-1, KW-2, KW-5 and KW-6, Series A or B. Electrical ratings are as follows:

	AC Horsepower			
	2510 KW-1 and -2		2510 KW-5 and -6	
V ac	1 phase Two Pole	3 phase Three Pole	1 phase Two Pole	3 phase Three Pole
120	2	2	2	2
240	2	7-1/2	3	7-1/2
480	3	10	7-1/2	15
600	3	10	10	20

Resistive rating: 600V ac, 30A

/ka