

## Certification Record

<b>Customer</b>	<b>Class</b>	<b>File Number</b>
Schneider Electric USA, Inc. Square D Raleigh (Knightdale) Plant, 8001 Knightdale Blvd Knightdale NC USA 27545	<u>3211-04</u> INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Magnetic	025490_S_000

- AC Contactors.
- Class 8501, single phase, Types CO, CDO, CG, CDG, -1, 15A, 240V max, 1 hp, 120V ac, 1-1/2 hp, 240V ac, A600. Type CO-1 has additional ratings of 15A, 277V ac, 5A, 600V ac.
- Types \*CO, \*CDO, \*CG, \*CDG, -2, -3, -4, 10A, 277V max, 5A, 600V max, 1/2 hp, 115V or 230V.
- Types CO, CDO, CT, CDG, -5, 15A, 277V max, 3/4 hp, 115V, 1 hp, 230V, 690VA, 277V max, pilot duty.
- Types CO, CDO, CG, CDG, -11, -12, 10A, 277V max, 1/2 hp, 120V, 3/4 hp, 240V, 690VA, 277V max, pilot duty.
- Types CO, CDO, CG, CDG, -13, -14, 10A, 277V max, 5A, 600V max, 1/2 hp, 120V, 3/4 hp, 240V, 690VA, 600V max, pilot duty.
- Types CO, CDO, -13-S1, 1/2 hp, 120V, 3/4 hp, 240V, 690VA, 600V max, pilot duty. Class 8501, Types KC, KP, KS and KT, 2- or 3-pole; 1/4 hp 120V ac, 1/3 hp 240V ac; with suffix -2 or -3, 5A. 240V ac max or 28V dc max; with suffix -12 or -13, 10A, 240V ac max or 28V dc max.
- Class 8910 contactors, open or enclosed, 230V max, 1-ph, 575V max, 3-ph; max, ratings (at max voltage, 3-ph) as follows: Types H, 2 hp, J, 3 hp, K, 7-1/2 hp: L, 15 hp; M, 20 hp.
- Class 8965, reversing contactors, Types SO and VSO, open type rated 1 hp, 110-115V, 1-1/2 hp, 220-230V, single-phase, 2 hp, 110-115V, 3 hp, 220-240V, 2- or 3-phase, Types TO, VTO, open type rated 1-1/2 hp, 110-115V, 3 hp, 220-230V, single-phase, 3 hp, 110-115V, 7-1/2 hp, 220-550V, 2- or 3-phase. Type SP044-S1, 2 N.O. contacts rated: 7-1/2 hp at 220/440/550V ac - 3 ph, 3 hp at 110V ac, 3 ph, 2 N.C. contacts rated 3 hp at 440/550V ac, 3 ph, 2 hp at 110/220V ac, 3 ph. Coils: 12 to 600V ac.
- Contactors, Class 8965, Type DPR (with suffixes), definite purpose reversing contactors (consisting of two mechanically interlocked Class 8910 type DPA contactors).
- DC Contactors.
- Class 7001, Type J30, 3/4 hp, 15A, 115V; Type J31, 3/4 hp, 5A, 230V.
- Alternators Class 9039, Type H, magnetically-operated, open (H0-) or enclosed (HG-), for single (-1) or double (-21) power circuit application, 1 hp, 120/240V ac each contactor.

Notes:

1. The open type units are certified for use only as components of other equipment where the acceptability of the combination has been determined by the Canadian Standards Association.
  2. \* Types CO, CDO, CG, CDG, -2, -3, -4, are certified above 150V, for use in circuits, where the short circuit capacity is limited by fuses rated 10A max, 151-300V or 5A max, 301-600V.
  3. Type K relays (except KP 3-pole rated above 150V) are certified only for use in circuits where the short circuit capacity is limited by fuses rated 10A. max (not to exceed rating of contacts).
  4. Type KP 3-pole relays rated above 150V are certified only for use in circuits where the power is limited by a transformer, rectifier, voltage divider or similar device (overload devices and fuses are excluded) and where the short circuit limit between conductors or between conductors and ground is 1500VA or less and where a fire hazard will not result from a short circuit.
  5. Class 8965, Type SO, VSO, TO and VTO contactors with suffixes N5-1 through -6 have quick-disconnect terminals. Connections to these terminals must be factory installed.
- Contactors, Class 8910, open, Types DP11, DP21, DP12, DP12..S2D, DP12V..S5, DP22, DP31, DP22V..S5, DP32, DP32V..S5, DP41, DP42, DPA12, DPA13, DPA 22, DPA 23, DPA24, DPA 32, DPA33, DPA34, DPA42, DPA42V..S2, DPA43, DPA44, DPA52, DPA53, DPA62, DPA63, DPA72, DPA73, DPA92, DPA93, rated as follows:

#### Horsepower Ratings

Type	Phase	Poles	115V	230V	460V	575V
DP11(1)	1	1	1	2	-	-
DP21, 31(2)	1	1	1	2	-	-
DP21, 31(3)	1	1	2	3	-	-
DP41(3)	1	1	2	5	-	-

DP12(1)	1	2	1	2	-	-
DP22(1)	1	2	2	3	-	-
DP32, 42(1)	1	2	2	5	-	-
DPA12	1	2	1	2	-	-
DPA22	1	2	2	3	-	-
DPA32	1	2	2	5	-	-
DPA42	1	2	3	7.5	-	-
DPA52	1	2	3	10	-	-
DPA62	1	2	5	10	-	-
DPA72	1	2	5	15	-	-
DPA92	1	2	7- 1/2	20	-	-
DPA13	1 3	3 3	1 -	2 3	- 5	- 5
DPA23	1 3	3 3	2 -	3 7.5	- 10	- 10
DPA33	1 3	3 3	2 -	5 10	- 15	- 15

DPA43	1 3	3 3	3 -	7.5 10	- 20	- 20
DPA53	1 3	3 3	3 -	10 15	- 30	- 30
DPA63	1 3	3 3	5 -	10 25	- 30	- 30
DPA73	1	3	5	15	-	-
DPA73	3	3	-	25	40	40
DPA93	1	3	7- 1/2	20	-	-
DPA93	3	3	-	30	50	50

1. Rating applies to Series A and B devices
2. Rating applies to Series A devices only
3. Rating applies to Series B devices only

Notes:

1. These contactors are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by the Canadian Standards Association.
2. Marked contact ratings may be less than those shown. Devices are marked with at least one rating.

- AC Contactors, open or enclosed types, rated as follows: Cat Nos 2160-B-220, 2160-FB220, 2-pole, 230V max, 3 hp max, 25A; 2160-B-230, 2160-FB230, 3 pole, 2160-B-240, 2160-FB240, 4 pole, 550V max, 7-1/2 hp max, 25A; 2160-B-320, 2160-FB320, 2 pole, 230V max, 5 hp max, 30A; 2160-B-330,2160-FB330, 3 pole, 2160-B-340, 2160-FB340, 4 pole, 550V max, 10 hp max, 30A; 2160-B-420, 2160-FB420, 2 pole, 230V max, 5 hp max, 40A; 2160-FB421, 2-pole, 230V max, 5 hp max, 40A; NC pole, 30A; 2160-B-430, 2160-FB430, 3 pole, 2160-B-440, 2160-FB440, 4-pole, 550V max, 15 hp max, 40A,B-62, 2 pole. 220V max, 7-1/2 hp max, 60A; B-63, 3-pole, 550V max, 25 hp max, 60A; B-72, 2-pole, 220V max, 10 hp max, 75A; B-73, 3 pole, 550V max, 30 hp max, 75A.
- Contactors, open or enclosed type, 1, -2, -3, -4 pole Series 2180 and 2180D with suffixes rated 300V ac max, 15A per pole, 50V dc, 15A, 100V dc, 10A; 120V ac, 3/4 hp, 1-ph, 1-1/2 hp, 3-ph; 240V ac, 1-1/2 hp, 1-ph, 3 hp, 3-ph; 600V ac, 1 hp, 1-ph, 3-ph.

Notes:

1. The open type contactors are Certified for use as components in other equipment where the acceptability of the combination has been determined by the Canadian Standards Association.
2. Catalogue numbers may be followed by suffixes HM, HMP, GP, C or 3W to denote type of mounting, enclosure (when provided), contact cover plate (when provided) or type of control (i.e. 3-wire).
3. Coils are rated 550V or less ac, 60V or less dc.
4. Cat Nos B-63 and B-73 have been tested for 100,000 cycles endurance at 600V ac, 60 and 75A (respectively) 3-ph "Y" connected resistance load.

- AC across-the-line reversing contactors, open or enclosed, 2- or 3-pole; Cat No 2160R-BR6, 25 hp or less, 60A, 600V ac or less; Cat No 2160R-BR7,30 hp or less, 75A, 600V ac or less.
- AC across-the-line starters, open Type 2201-SDEB (with suffixes) Main Contact Ratings Maximum HP

Starter Number	Volts	1 Phase	3 Phase
2201-SDEB 231	115	2	3

	230	3	5
	460-575	-	7.5
2201-SDEB 331	115	2	5
	230	5	7-1/2
	460-575	-	10
2201-SDEB 431	115	2	5
	230	5	10
	460-575	-	15

For Hermetic Compressor Use Only

Starter Number	Volts	FLA	Locked Rotor Amps
2201-SDE3 231	277	25	150

	480	25	125
	600	25	100
2201-SDEB 331	277	30	180
	480	30	150
	600	30	120

- Overload Relay Auxiliary Contacts -
- Standard Pilot Duty (B600) - 120V through 600V ac.
- Coil ratings 6 to 600V ac, 12 to 80V ac.
- AC across-the-line contactors, open or enclosed, Cat No 2200EB Series 2-, 3- or 4-pole, max ratings as follows: Cat Nos 2200EB-220, 2-pole, 25A, 1-ph, 120V, 2 hp, 200/230V, 3 hp; 2200EB-230, 3-pole and -240, 4-pole, 25A, 3-ph, 120V, 3 hp, 200/230V, 5 hp, 460/575V, 7-1/2 hp; 2200EB-302, 2 pole, 30A, 1-ph, 120V, 2 hp, 200/230V, 5 hp; 2200EB-330, 3-pole and -340, 4-pole, 30A, 3-ph, 120V, 5 hp, 200/230V, 7-1/2 hp, 460/575V, 10 hp; 2200EB-420, 2-pole, 40A, 1-ph, 120V, 2 hp, 200/230V, 5 hp; 2200EB-420, 3-pole and -440, 4-pole, 40A, 3-ph, 120V, 5 hp, 200/230V, 10 hp, 460/575V, 15 hp; 2200-EB520, 2-pole, single-phase, 120V ac, 3 hp, 200/230V ac, 7-1/2 hp, 2200-EB530, 3-pole, 2200-EB540, 4-pole, 3-ph, 50A max, 120V ac, 7-1/2 hp, 200/230V ac, 15 hp, 460/575V ac, 25 hp.
- DC Across-the-line Contacts, open or enclosed, Cat No 2200-EB and -EBC 2, 3 or 4 pole, max ratings as follows: 220-EB220 and EBC220, 2-pole, -EB230 and -EBC230, 3-pole and -EB240 and -EBC240, 4-pole with DC blowout modules, 30A max, 300V dc, 25A max, 600V dc per pole, 2 hp, 125V dc, 3 hp, 250V dc, 3 hp, 600V dc with 2 poles breaking; 220-EB320 and -EBC320, 2-pole, -EB330 and -EBC330, 3-pole and -EB340 and -EBC340, 4-pole, with dc blowout modules, 40A max, 300V dc, 25A max, 600V dc per pole, 3 hp, 125V dc, 5 hp, 250V dc, 3 hp, 600V dc with 2 poles breaking; 2200-EB420 and EBC420, 2-pole, -EB430 and -EBC430, 3-pole and -EB440 and EBC440, 4-pole, all with dc blowout modules, 50A max, 300V dc, 25A max, 600V dc per pole, 5 hp, 250V dc, 3 hp, 600V dc, with 2-poles breaking. Cat No 2200EBA-520, 2-pole, 50A, 600V ac per pole, 3 hp, 120V ac, single-phase, 7-1/2 hp, 200/240V ac single-phase. Cat No 2200EBA-520, 3-pole, 50A, 600V ac per pole, 3-ph, 120V ac, single-phase, per pole, 7-1/2 hp, 200/240V ac, single-phase per pole, 7-1/2 hp, 120V ac, 3-ph, 15 hp, 200/240V ac, 3-ph, 25 hp, 460/575V ac, 3-ph, Cat No 2200EBA-520, 2-pole, 50A, 600V ac per pole, 5 hp, 120V ac single



- 400/600V ac, 3-ph. Cat No 2200EBA-620, 2-pole, 60A, 600V ac per pole, 5 hp, 120V ac single-phase, 10 hp, 200/240V ac, single-phase. Cat No 2200EBA-630, 3-pole, 60A, 600V ac per pole, 5 hp, 120V ac, single-phase per pole, 10 hp, 200/240V ac, single-phase per pole, 10 hp, 120V ac, 3-ph, 20 hp, 200/240V ac, 3-ph, 20 hp, 480/600V ac, 3-ph. Cat No 2200-EBA-720, 2-pole, 75A, 600V ac per pole, Cat No 2200EBA-730, 3-pole, 75A, 600V ac per pole.
- Additional Ratings: Cat Nos 2200EB-220, -230, -240, 30A (Resistive). Cat Nos 2200EB-320, -330, -340, 600V ac, 40A (Resistive). Cat Nos 2200EB-420, -430, -440, 600V ac, 50A (Resistive). Cat No 2200-EB530, -540, 600V ac, 60A (Resistive). Cat No 2200R, 2- and 3-pole, open or enclosed, reversing, EBAS-S, 25 hp and less, 60V ac and less, 75A resistive, 600V ac; EBAR-7, 75A resistive, 600V ac.
  - AC Contactors, open or enclosed, 2-, 3- and 4-pole; Cat No 2250HI7, 40 hp and less, 600V ac and less, 95A resistive, 75A inductive, 600V ac, 95A, tungsten and ballast, 277V ac; Cat No 2250H19, 50 hp and less, 600V ac and less, 110A resistive, 90A inductive, 600V ac, 120A tungsten and ballast, 277V ac.
  - AC across-the-line contactors, open or enclosed type, 600V ac max, 1- or 3-ph, as follows: Cat No A10 with suffixes, non-reversing, Sizes 00 to 5. Cat No A11 with suffixes, reversing, Sizes 00 to 5. Cat No A12 with suffixes, non-reversing, mechanically held, Sizes 0 to 4.
  - AC across-the-line starters, open or enclosed type, 600V ac max, 1- or 3-ph, as follows:
  - AC across-the-line reversing contactors, open or enclosed, Cat 2200R with following suffixes:
  - AC across-the-line contactors, open type, 2 and 3-pole with integrally mounted fuse blocks for Class H, 250V and 600V fuses, 60A max. Cat No 2200-(EB or EBC)-220 with suffixes, 2-pole, single-phase ratings: 2 hp, 120V ac, 3 hp, 200/230V ac, Cat No 2200-(EB or EBC)-230 with suffixes, 3-pole, 3-ph ratings: 3 hp, 120V ac, 5 hp, 200/230V ac, 7-1/2 hp, 460/575V ac, Cat No 2200-(EB or EBC)-320 with suffixes, 2-pole, single-phase ratings: 2 hp, 120V ac, 5 hp, 200/230V ac, Cat No 2200-(EB or EBC)-330 with suffixes, 3-pole, 3-ph ratings: 5 hp, 120V ac, 7-1/2 hp, 200/230V ac, 10 hp, 460/575V ac, Cat No 2200-(EB or EBC)-420 with suffixes, 2-pole, single-phase ratings: 2 hp, 120V ac, 5 hp, 200/230V ac.
  - Across-the-Line starters, open or enclosed, Bulletin 22011, single- and 3-ph, 15 hp and less, 40A max open, 34.2A max enclosed, 600V ac and less. The open type devices are Certified for use only as components in other equipment where the acceptability of the combination has been determined by CSA International.

Note: Cat 2200-EBR series reversing contactors may be fitted with auxiliary contacts series 2200EB (rated 600V ac max, heavy duty or 600V dc max standard pilot duty. Same polarity between contacts). Catalogue may be followed by additional letters and numbers.

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