



Certification Record

CUSTOMER	CLASS	FILE
Schneider Electric USA, Inc. 1300 South Wolf Rd, Des Plaines IL 60018 USA	3211-04 INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Magnetic	040787_0_000
Refer to Class Description for program details		

- Relays, open type with or without dust cover, Type Nos 283XAX, A283XAX, A283XAX167, A283XAX168, A283XAX97 (spdt contacts), A283XAX250, A283XAX251, A283XAX164, A283XAX165, Type Nos 283XBX, A283XBX, A283XBX97, A283XBX250, A283XBX251, (2pdt contacts), Type Nos 283XCX, A283XCX, A283XCX97, A283XCX250, A283XCX251, A283XCX252, (3pdt contacts), 284XDX (4pdt contacts) with suffixes excluding Y, 120V ac, 1/3 hp, 10A resistive; (except A283XBX97 and A283XCX97, 15A resistive); 240V ac, 1/2 hp, 10A resistive; 28V dc, 10A resistive, all ratings per pole, opposite polarity, coils 125V dc max, 240V ac max, Cat No 425 with letter and number suffixes rated: 600V ac max, 10A, 240V ac, 30A or 1 hp, 120V ac, 1 hp, 300V dc, 37.5A (isolating use only). Coils 480V ac max, 110V dc max.
- Relays, open type with or without dust cover, Types A283BXX69C, A283XXB69C, A283HXX69C, A283XXH69C and A283XHX69C, rated 5A contacts at 150V dc resistive for single throw single make or break; rated 10A contacts at 150V dc resistive for double make or double break; per pole, opposite polarity; coils 115V dc max, 240V ac max.
- Relays, open type with or without dust cover, Types 283XAX, A283XAX (spdt contacts), 283XBX, A283XBX (2pdt contacts), 283XCX, A283XCX (3pdt contacts), followed by suffixes, followed by Y, 120V ac, 1/8 hp, 5A resistive; 240V ac, 1/4 hp, 5A resistive; 28V dc, 5A resistive, 3A resistive, 150V dc, per pole, opposite polarity, coils 115V dc max, 240V ac max.
- Relay, Cat No 283XCX210, open type with dust cover, 3-pole, double-throw contacts, max ratings: poles 1 and 3, 1/2 hp, 240V ac, 1/3 hp, 120V ac, 10A, 240V ac, 28V dc, centre pole, 1/4 hp, 240V ac, 1/8 hp, 120V ac, 5A, 240V ac, 28V dc; coil 24V dc.
- Type 314 and A314 with suffixes including Y and 314XAX107, contacts rated as follows:

Volts	Type No, All Types Except Type 392 And Devices With Suffix -Y	Type 392 and All Types With Suffix -Y
240V ac	1/3 hp, 5A, general purpose, 345VA, pilot duty	1/4 hp, 5A resistive
120V ac	1/6 hp, 10A, general purpose, 211VA, pilot duty	
28V dc	10A resistive	
- Relays, open type with dust cover, Types 285XAX, B285XAX, (spdt contacts), 285XBX, B285XBX (dpdt contacts), 285XCX, B285XCX (3pdt contacts); ratings:

(General H.P. Purpose) Pilot Duty

(Single Phase)	Current (A)	A	VA	Voltage
1/3	10	2.88	345.6	120V ac
1/2	10	1.96	470.4	240V ac
-	10	-	-	28V dc
-	5+ 3+	--	--	480V ac+ 600V ac+

+ - 1 and 2 pole only. Devices with Suffix W:

(General H.P Purpose) Pilot Duty

(One Phase)	A	A	A	VA	Voltage
1/3	10	-	2.88	345.6	120 ac
1/2	10	-	1.96	470.4	240 ac
-	-	10	-	-	28 dc
-	-	5	-	-	36 dc

For Devices with Suffix Y: H.P. A Pilot Duty

Single Phase	Resistive	A	VA	Voltage
1/8	5	0.253	30.3	120 ac
1/4	5	0.193	46.3	240 ac

For Devices with Suffix 97: H.P. A Pilot Duty
Single

Phase	Resistive	A	VA	Voltage
1/3	15	0.48	57.6	120 ac
1/2	15	0.3267	78.4	240 ac
-	10	-	-	28 dc
-	5	-	-	36 dc

Type 285XBX105 (max ratings only): H.P.
Single A A General Pilot Duty

Phase	Resistive	Purpose	A	VA	Voltage
1/3	15	15	0.48	57.6	120 ac
1/2	15	15	0.3267	78.4	240 ac
-	10	-	-	-	28 dc
-	5	-	-	-	36 dc
-	-	5	-	-	480 ac

- All ratings are per pole with opposite polarity existing between poles.
- Coils are rated: 6-240V ac, 6-125V dc.
- Contactors, open type with or without dust cover, 1-, 2- or 3-pole, double throw, Types A314XAX, A314XBX and A314XCX with or without Suffix 48P rated 1/3 hp, 5A, 240V ac, 1/6 hp, 10A, 120V ac, 10A resistive, 28V dc. Time delay relays, open type, with dust cover, 1-, 2- or 3-pole, double throw, Types 286 and 287 with suffixes, input 240V ac, 120V dc max, contacts rated 120V ac, 1/3 hp, 10A resistive, 240V ac, max, 120V dc max, contacts rated 120V ac, 1/3 hp, 10A resistive, 240V ac, 1/2 hp, 10A resistive; 326 and 327 with suffixes, input 240V ac max, 1/3 hp, 5A resistive.
- Contactors, open, 2 or 3-pole, Types A548JXX, A548KXX (non reversing), A575KXX (reversing), rated 30A max per pole, 240V ac max, 15A max, 600V ac and 115V dc max, 2A max, 230V dc max; single-phase 1-1/2 hp, 120V ac, 3 hp, 240V ac; 3-ph, 5 hp, 240V ac, 7-1/2 hp, 480/600V ac. Coil 6-600V ac, 6-250 dc.
- Ac contactors, Series and 475KXX, reversing type, open or enclosed, with prefix and/or suffixes, may or may not be provided with Suffix V2. Max ratings as follows:

Voltage	1 Phase	2-3 Phase
120	1 hp	1 hp
208	-	2 hp

240	1.5 hp	3 hp
480	-	3 hp
600	-	3 hp (with electrical interlock)

Coils are rated max 240V ac or dc.

Notes:

- Series A314, A283, 283, 284, 285 and B285 relays may be provided with letter and/or number Suffixes (-B, -C1, -CS, -C2, -CS2) denoting variations in method of mounting, (-C) and enclosed device, (-CM) a manual operator, (-L) aneon lamp across the coil (-CLM) combined neon lamp across coil and manual operator, (-T) printed circuit board terminals, (-97) Beryllium copper contact arms, (-D) dual wound coils on 285 series.
- Series 283 and 285 relays, (except relays with grounded frame) when applied in circuits above 150V are Certified for use in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding the ratings of the relay.
- Contactors Type A314 and relays Type 326 and 327, 3-pole, when applied over 150V ac are Certified for use only as component of other Certified equipment and 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 and between conductors and ground is 1500VA max and where a fire hazard will not result from a short circuit.
- The Cat No 425 relay, rated 300V dc, 37.5A is marked for isolating use only to indicate that it is not intended to make or break load.
- Letter "X" in above type designations replaced by number and or letter indicate electrical ratings and type of construction.
- Open type devices are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by CSA International.
 - Solid state relays, open type, single phase, Type 70YY15017, 70YY15018, 70YY15019, 3.8a, 120/240V ac, without heatsink; 6A, 1/8 hp, 120/240V ac, with integral heatsink; coil, 24V dc max.
 - Mini Puck, solid state relays, open type, Part No 70S2 Series, output 6 to 12A, 140V ac or 240V ac, 1/8 hp, 120V ac or 240V ac, 1/4 hp, 240V ac, 1/6 hp, 120V ac and Part No 70YY14-224, -225, output 1/4 hp, 5A (resistive) 140V ac, Part No 70YY14231, output 1/4 hp, 5A (resistive), 240V ac, input for all series 3V dc max to 30V dc max.
 - Input/output module, open type, Series 70YY1800, rated input 5V dc, output 3.5A or 1/8 hp, 1 ph at 120V ac.
 - Relays, open type with dust cover, Series A283XCXC (spdt, dpdt and 3pdt contacts) rated 1/3 hp, 120V ac, 1/2HP, 15A (resistive), 240V ac, 10A (resistive), 30V dc per pole, opposite polarity; Coil 125V dc and 277V ac max.
 - Relays, Series 788 and 785 (magnetic latching version of series 788) with suffixes, open type, with dust cover, DPDT contacts with 8 terminal base; 3PDT contacts with 11 terminal base; coil voltages 6-240 Vac, 6-100 Vdc Contacts rated as follows: 16A, 120/277Vac, 16A, 28 Vdc, 1/3HP, 120 Vac; 1/2 HP, 240 Vac.; 16A resistive, 277V ac, endurance 100,000 operations.
 - Relays, Series 788 with suffixes, open type, with dust cover DPDT contacts with 8 terminal base; 3PDT contacts with 11 terminal base; coil voltages 6-240 Vac, 6-100 Vdc Contacts rated as follows: 12A, 120/240Vac, 12A, 28 Vdc, 1/3HP, 120 Vac; 1/2 HP, 240 Vac.
 - Series 750, with suffixes, open type, with dust cover, dpdt contacts with 8-pin base Coil voltage 6-240V ac, 6-110V dc; contacts rated as follows: 12A, 120/240 Vac 12A, 28 Vdc 1/3 HP, 120Vac, 1/2HP, 240Vac. Series 750, with suffixes, open type, with dust cover, 3pdt contacts with 11-pin base Coil voltage 6-240Vdc, 6-110V dc; contacts rated as follows: 10A, 120Vac, 6.5A, 240Vac, 12A, 28Vdc, 1/3HP, 120Vac, 1/2HP, 240Vac.
 - Series 750 and 755 (magnetic latching version), with suffixes, open type, with dust cover, dpdt contacts with 8-pin base Coil voltage 6-240V ac, 6-100V dc; contacts rated as follows: 16A, 120/240 Vac 16A, 28 Vdc 1/3 HP, 120Vac, 1/2HP, 240Vac. Series 750, with suffixes, open type, with dust cover, 3pdt contacts with 11-pin base Coil voltage 6-240Vdc, 6-100Vdc; contacts rated as follows: 10A, 120Vac, 16A, 240Vac, 16A, 28Vdc, 1/3HP, 120Vac, 1/2HP, 240Vac.
 - Relays, Type 300 (with suffixes), with or without prefix F, with Suffix "69", open type with dust cover, coil

rated 6-240V ac and 6-125V dc, single make or break contacts (Suffix H) rated 150V dc, 10A, double make or break contacts (Suffix A) rated 150V dc, 5A in addition to standard ratings as follows:

Voltage	General Purpose Current (A)	1 ph Hp	Pilot Duty	
			A	VA
28V dc	20	-	-	-
120V ac	-	3/4	5.5	660
208V ac	-	1	-	-
240V ac	-	1	-	-
277V ac	20	-	-	-
480V ac	-	1	-	-
600V ac	-	1	1.2	720

Notes:

1. Open type devices are certified only as a component of other certified equipment where the suitability of the combination is determined by the CSA International.
2. Solid state relays, Mini Puck series are to be mounted to an external heatsink (i.e., aluminum plate) having dimensions 12 in by 12 in by 1/8 in or any equivalent heatsink rated 1C/W.
3. 105°C temperature rated field wiring leads or relay socket plastic material shall be used for Series A283XCXC relays.

Component Magnetic Motor Controllers, Type 300 followed by X, B or H; followed by X, B or H; followed by X, B or H; may be followed by C, C1, C2, C3, CS1, CS2; may be followed by V, V1, V2, 69, M, G or L.

Type 300 relays (one and two poles)

- 15 A, 600 V ac, general purpose
- 30 A, resistive, 28 V dc per pole
- 30 A, 300 V ac, general purpose per pole
- 1 hp, 120 V ac (single phase)
- 2 hp, 208 V, 240 V, 480 V, 600 V ac (single phase)
- 5.5 A, 120 V ac, pilot duty
- 1.2 A, 600 V ac, pilot duty

69 Suffix Units (in addition to above ratings)

- 10 A at 150 V dc double make or break (Suffix H)
- 20 A at 72 V dc double make (Suffix H)
- 5 A at 150 V dc single make or break (Suffix B)

Notes:

When determining the acceptability of the combination of the following conditions shall be taken into consideration.

1. The rating of the controlled equipment shall not exceed the ratings of the subject devices..
2. The devices should be mounted in enclosure having adequate strength and thickness, in the intended manner, with acceptable spacings being provided.
3. The suitability of all terminations shall be determined in the end use application.

- Solid State Relays, Power Circuit rated 600 V ac max, 10 A Control Circuit rated 90-280 V ac or 3-32 V dc,

100,000 endurance tested, Model 861 followed by SSR or SSRA, followed by 1, 2, 4 or 6 followed by 02, 08 or 10, followed by AC or DC, followed by -1, -2 or -4.

- Solid State Relays, Power Circuit, rated 50-150 V dc, 15 A Control Circuit rated 3.5 to 32 V dc, 100,000 endurance tested, Models 861SSR208-DD and 861SSR115-DD.

Note: The above relays are certified only as components of certified electrical equipment and final assembly of the equipment are to be evaluated by CSA International.

- Relays, open type with or without dust cover, Series 283 or A283 followed by a combination of letters and numbers suffixes; (spdt contacts), (2pdt contacts), (3pdt contacts), 120V ac, 1/3 hp, 10A resistive, 15A resistive; 240V ac, 1/2 hp, 10A resistive; 28V dc, 10A resistive, all ratings per pole, opposite polarity, coils 125V dc max, 240V ac max.
- Relays, open type with or without dust cover, Series 283 or A283 followed by a combination of letters and number suffixes; (spdt contacts), (2pdt contacts), (3pdt contacts), 120V ac, 1/8 hp, 5A resistive, 240V ac, 1/4 hp, 5A resistive, 28V dc 5A resistive, 3A resistive, 150V dc, per pole, opposite polarity, coils 115V dc max, 240V ac max.
- Relays, open type with or without dust cover, Series 388 or W388 followed by suffixes of letters and numbers (spdt contacts), (2pdt contacts), (3pdt contacts), 120V ac, 1/3 hp, 10A resistive, 15A resistive; 240V ac, 1/2 hp, 10A resistive; 28V dc, 10A resistive, all ratings per pole, opposite polarity, coils 125V dc max, 240V ac max.
- Relays, open type with or without dust cover, Series 388 or W388 followed by suffixes of letters and numbers, (spdt contacts), (2pdt contacts), (3pdt contacts), 120V ac, 1/8 hp, 5A resistive, 240V ac 1/4 hp, 5A resistive, 28V dc 5A resistive, 3A resistive, 150V dc, per pole, opposite polarity, coils 115V dc max, 240V ac max.

Note: Series 283 or A283, 388 or W388 relays may be provided with letter and/or number suffixes (-B, -C1, -CS, -C2, -CS2) denoting variations in method of mounting, (-C) and enclosed device, (-CM) a manual operator, (-L) a neon lamp across the coil, (-CLM) combined neon lamp across coil and manual operator, (-T) printed circuit board terminals, (-97) Beryllium copper contact arms, (-V) a diode across the coil, (-V1) a metal oxide varistor across the coil.

- Time delay relays, Class 211 (with suffixes), open type with dust cover, 2-pole, double throw contacts, max ratings as follows: Output, 120V ac, 1/3 hp, 10A; 1/2 hp, 240V ac; 30V dc, 10A; B300; Input, 230V ac max, 130V dc max.
- Time delay relay, Class 222 (with suffixes), open type with dust cover, 2-pole, double-throw contacts, max ratings: 1/3 hp, 10A, 120V ac; 1/2 hp, 240V ac; 10A, 30V dc, B300; coils: 130V dc max, 220V ac max.

Notes:

1. Suffix letters and/or numbers added to type designation indicate variations in construction such as number of poles, coil voltage, electrical connection and mounting arrangement.
 2. Open type devices are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by CSA International.
 3. Class 211 and 388 time delay relays may have prefix "C", "W" or "CW" to denote stock item.
 4. Class 211, 222 and 388 time delay relays are Certified for use in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding that of the relay.
- Relay, Types 388 with or without dust cover, rated as follows:
 - with or without "J" suffix: 1, 2 or 3 pole - 1/3 hp, 120V ac, 1/2 hp, 240V ac, *1/2 hp, 600V ac, 2 pole; 1 or 2 pole - 12 FLA, 36 LRA, 12V dc; 3 pole - 11 FLA, 33 LRA, 12V dc, 11A, 120V ac/28V dc, 6A, 300V ac; 2 pole - 12A, 120V ac/28V dc, 10A, 300V ac, *3A, 600V ac; 1 pole - 13A, 120V ac/28V dc, 10A, 300V ac.
 - with "J" suffix: 1, 2 or 3 pole - 15A, 150V ac/28V dc, 10A, 250V ac, 1 or 2 pole - 20A, 300V ac; 3 pole - 16A, 300Vac; *3A, 600V ac, 2 pole.
 - with "R" suffix: 3 pole - 15A, 150V ac, 10A, 240V ac, 17A, 28V dc, 1/2 hp, 120/240V ac; 2 pole - 17A, 150V ac/28V dc, 10A, 240V ac, *3A, 600V ac, 1/2 hp, 120V ac, 3/4 hp, 240V ac; 1 pole - 17A, 150V ac/28V dc, 10A, 240V ac, 1/2 hp, 120V ac, 3/4 hp, 240V ac. Coil - 600V ac or 300V dc max.

Note: *Only where frame is not grounded. Pilot duty ratings are as follows:

- with or without "J" suffix: 1, 3 pole - 360VA, 120/240V ac, B300, B150, C150, C300, D150, D300, E150; 2 pole - 360VA, 120-600V ac, B600, B150, B300, C150, C300, C600, D150, D300, E150.
- with "J" suffix: 1, 2 or 3 pole - 360VA, 120/240V ac, B300, B150, C150, C300, D150, D300, E150.
- with "R" suffix: 1, 3 pole - 720VA, 120/240V ac, A300, A150, B150, B300, C150, C300, D150, D300, E150; 2 pole - 720VA, 120-600V ac, A600, A150, A300, B150, B300, B600, C150, C300, C600, D150, D300, E150.
- Relay socket, Cat Nos 70-124-1, 70-124-2, 70-178-1, 70-233-1, 70-233-2, for use with Type 388 relays.
- Contactors, Cat Nos 199 with alphanumeric suffixes, with or without Prefix W, open type, 1 or 2-poles rated:

Contact Material	Single Make/Break Relays			Double Make/Break Relays		
	Silver Cadmium Oxide	Fine Silver	Tungsten Against SCO	Silver Cadmium Oxide	Fine Silver	Tungsten Against SCO
Voltage						
0-300V ac	-	-	-	50A	50A	-
0-300V ac	30A(++)(#)	30A(++)	20A	30A	30A	20A
480V ac	5A	5A	5A	12A	12A	12A
600V ac	5A	5A	5A	10A	10A	10A
120-600Vac	1-1/2 hp	-	1 hp	2 hp	-	-
120V ac	-	-	-	-	1-1/2 hp	-
200-600Vac	-	1-1/2 hp	-	-	2 hp	-
150V ac	-	-	-	-	-	1 hp
151-600Vac	-	-	-	-	-	1-1/2 hp
120V ac tung.	15A	10A	15A	15A	10A	15A
120-600Vac	960VA	-	768VA	1152A	-	-
120V ac	-	-	-	-	960VA	-
200-600Vac	-	960VA	-	-	1152VA	-
150V ac	-	-	-	-	-	768VA
151-600Vac	-	-	-	-	-	960VA
0-28V dc	30A(++)	30A(++)	20A	30A	30A	20A
0-28V dc	30A	30A	-	50A	50A	-
Double-Pole Relays With Both Poles Switching the Load (All other ratings are per pole)						
200-600Vac	1152VA	1152VA	-	-	-	-
200-600Vac	2 hp	2 hp	-	-	-	-
All Models When Provided With Blowout Magnets						
110V dc	10A	10A	10A	20A	20A	20A
144V dc	-	-	-	15A	15A	15A
220V dc	4A	4A	4A	10A	10A	10A
325V dc	2A	2A	2A	4A	4A	4A
500V dc	-	-	-	2A	2A	2A

Contact Material	Single Make/Break Relays			Double Make/Break Relays		
	Silver Tin Oxide	Fine Silver	Tungsten Against STO	Silver Tin Oxide	Fine Silver	Tungsten Against STO
Voltage						
0-300V ac	50A	-	-	50A	50A	-

0-300V ac	30A(++)(#)	30A(++)	20A	30A	30A	20A
480V ac	5A	5A	5A	12A	12A	12A
600V ac	5A	5A	5A	10A	10A	10A
120-600Vac	2 hp	-	1 hp	2 hp	1-1/2 hp	-
120V ac	-	-	-	-	1-1/2 hp	-
200-600Vac	-	1-1/2 hp	-	-	2 hp	-
150V ac	-	-	-	-	-	1 hp
151-600Vac	-	-	-	-	-	1-1/2 hp
120V ac tungsten	15A	10A	15A	15A	10A	15A
120-600Vac	1152VA	-	768VA	1152A	-	-
120V ac	-	-	-	-	960VA	-
200-600Vac	-	960VA	-	-	1152VA	-
150V ac	-	-	-	-	-	768VA
151-600Vac	-	-	-	-	-	960VA
0-28V dc	30A(++)	30A(++)	20A	30A	30A	20A
0-28V dc	30A	30A	-	50A	50A	-

Double-Pole Relays With Both Poles Switching the Load (All other ratings are per pole)

200-600Vac	1152VA	1152VA	-	-	-	-
200-600Vac	2 hp	2 hp	-	-	-	-

All Models When Provided With Blowout Magnets

110V dc	20A	10A	10A	20A	20A	20A
144V dc	15A	-	-	15A	15A	15A
220V dc	8A	4A	4A	10A	10A	8A
325V dc	4A	2A	2A	4A	4A	4A
500V dc	2A	-	-	2A	2A	2A

Coils 0 -600V ac or dc, 50/60Hz

Notes:

- 50A contactors are provided with CSA Certified pressure wire connectors.
 - Contactors with silver cadmium contacts may be marked with A600.
 - Aux. snap switches when provided are rated 10A, 125/250V ac; 1/4 hp, 125-250V ac; 278VA pilot duty, 125/250V ac; 1/2A, 125V dc, 1/4A, 250V dc; 3A, 125V ac.
 - All ac ratings are 50/60Hz.
 - (++) - May be rated 40A when provided with AWG No 14 or two AWG No 17 movable contact leads: refer to Nomenclature Position VI.
(#)- May be rated 50A, 277V ac when provided with No. 11 or 14 AWG movable contact leads. Refer to Nomenclature Position VI.
- Relays, Class 250, open type, with or without dust cover, with or without Prefix W, with or without any combination of Suffixes A, C, FR, N, P, PC, Q and S, followed by X, Dash, and customer part number (1-9999); 1-, 2-, 3-pole, single and double throw contacts, max ratings as follows:

No of Poles	30V dc	120V ac	240V ac
1	10A	12A, 1/3 hp	12A, 1/2 hp
2	10A	12A, 1/3 hp	8A, 1/2 hp
3	10A	10A, 1/3 hp	6A, 1/2 hp

- Relays, Type 389, open with or without dust cover, max ratings as follows: without suffix designator: 1 pole, grounded frame, 20A, 15V dc, 13A, 28V dc, 25A, 150V ac, 10A, 300V ac, 5A, 600V ac, 1 hp, 120V ac, 1 hp, 208-600V ac, 660VA, 120V ac, 730VA, 208V ac, 765VA, 240-600V ac, B600; 1 pole, frame not grounded and 2 pole, frame grounded or not grounded, 20A, 15V dc, 13A, 28V dc, 25A, 300V ac, 5A, 600V ac, 1 hp, 120V ac, 1.5 hp, 200-240V ac, 1 hp, 480-600V ac, 660VA, 120V ac, 920VA, 200V ac, 915VA, 208V ac, 960VA, 240V ac, 765VA, 480-600V ac, B600; 3 pole, frame grounded or not grounded, 20A, 15V dc, 13A, 28V dc, 20A, 150V ac, 10A, 300V ac, 1/2 hp, 120-240V ac, 470VA, 120-240V ac, 445VA, 208V ac, B300 with Suffixes D, DY, DZ, DU, DV, DW, DUC, DVC or DWC, DC, DYC or DZC (spst or spdt double make/break): 30A, 28V dc, 30A, 300V ac, 5A, 600V ac, 1 hp, 120-199V ac, 1.5 hp, 200-300V ac, 1 hp, 301-600V ac, 765VA, 120-600V ac, 920VA, 200V ac, 915VA, 208V ac, 960VA, 240V ac, A600 with Suffixes DC, DYC or DZC (spst or spdt double make/break, frame not grounded) additional rating: 10A, 600V ac, 1.5 hp, 200-600V ac, 960VA, 240-600V ac, coil - 300V ac or dc max, 600V ac max when frame is not grounded.
- Type F, or no prefix, followed by 389, followed by F, followed by X, A, B, C, or H, followed by X, A, B, C, or H, followed by X, A, B, C, or H, with or without suffixes 69, B, C, C1, CS1, C2, CS2, C3, G, L, M, S, T, U, V, V1, V2, W, or Y, followed by 0-300, followed by A or D. When these are used in combination, the number suffixes appear first with letters following in alphabetical order.

Notes:

1. Prefix and suffix letters or numbers are added to class and type designation to indicate marketing features, coil voltage, contact arrangement terminal type, and special features (e.g. CW388ANCPCX-12).
 2. Open type relays are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by CSA International.
 3. Type 388 relays have been endurance tested making and breaking 12 FLA, 12V dc for 30000 operations.
 4. Relays, Type 250, when applied in circuits above 51V, are Certified for use in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding that of the relay.
- Relays, Types 49RE1A1-26830 and 49RE1C2-26407, open type with dust cover, 1-pole, single or double throw contacts, max ratings as follows: Load contacts (silver type): 120V ac, 3A, 28V dc, 3A (resistive), (AGCd0 type): 120V ac, 28Vdc, 5A (resistive); TV3, 240V ac, standard pilot duty, coils, 240V ac max, 28V dc max.

Notes:

1. Suffix letters and/or numbers added to type or series designations indicate terminal type, number of poles, adjustment code, coil voltage, contact material and mechanical variations.
2. Series 49 and Types 49RE1A1-26830 and 49RE1C2-26407 relays are Certified for use in equipment where the short circuit capacity of the circuit in which they are connected is limited by fuses having ratings not exceeding the rating of the relay.

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