



GE Electrical Distribution & Control

New contactors and overloads added

Now all C-2000 contactors and starters coordinate with Type 2

With the addition of all CK contactors and RT4 and RT5 overloads, the entire C-2000 line of contactors and starters has now been tested and certified to meet IEC 947.4 Type 2 coordination when protected with the Class J & L fuses shown in the following tables.

IEC 947.4 states: "Type 2 coordination requires that, under short-circuit conditions, the contactor or starter shall cause no danger to persons or installation and shall be suitable for further use. The risk of contact welding is recognized, in which case the manufacturer shall indicate the measures to be taken as regards the maintenance of the equipment."

Short Circuit Test Condition: 100,000 Amps (maximum)

Fuse Class: "J" & "L"

Fuse Manufacturer Part Number or Type:

Bussmann — "LPJ-SP" & "KRP-C-SP"

Gould Shawmut — "AJT" & "A4BQ"

Note: Use of Short Circuit Protective Device not in compliance with the above manufacturer's type may invalidate the coordination.

C-2000 Contactors

Catalog Type	Maximum Amps	Maximum Fuse
CL00	10	20
CL01	13.8	20
CL02	17.5	20
CL25	22	25
CL03	25	60
CL04	32	60
CL45	34	70
CL05	42	90
CL06	48	100
CL07	62	125
CL08	68	125
CL09	80	150
CL10	104	200
CK08	156	300
CK09	192	400
CK95	302	450
CK10	398	800
CK11	480	900
CK12	602	1000

C-2000 Starters

Overload Type	Maximum Amps	Maximum Fuse
RT*1F	0.8-1.1	1.5
RT*1G	1-1.5	2
RT*1H	1.3-1.9	4
RT*1J	1.9-2.7	4
RT*1K	2.5-4	8
RT*1L	4-6.3	10
RT*1M	5.5-7.5	12
RT*1N	7-10	20
RT*1P	10-13	20
RT*1R	12.5-15	25
RT*1S	14.5-17.5	35
RT*1T	17.5-22	45
RT*1U	21-26	45
RT*1V	25-35	60
RT*1W	30-40	70
RT*2A	11.5-15	30
RT*2B	14.5-19	35
RT*2C	19-25	45
RT*2D	25-32	60
RT*2E	32-41	70
RT*2F	39-47	90
RT*2G	44-54	100
RT*2H	54-65	125
RT*2J	64-75	125
RT*2K	70-80	150
RT*2L	80-95	200
RT*2M	90-110	200
RT*3B	55-80	125
RT*3C	63-90	150
RT*3D	90-120	200
RT*3E	110-140	250
RT*3F	140-180	300
RT*4LN	120-190	350
RT*4N	120-190	350
RT*4LP	175-280	450
RT*4P	175-280	450
RT*4LR	200-310	450
RT*4R	200-310	450
RT*5A	120-190	400
RT*5LA	120-190	400
RT*5B	175-280	600
RT*5LB	175-280	600
RT*5C	250-400	800
RT*5LC	250-400	800
RT*5D	315-500	900
RT*5LD	315-500	900
RT*5E	430-650	1000
RT*5LE	430-650	1000

Replace asterisk (*) with "A" or "M".

Type 2 — Maintenance Procedures

Before working on a C-2000 contactor or starter, make sure all electrical power is turned off, including the control voltage, and follow these steps:

1. Tighten down all terminals on the CL00 through CL45 (including the fourth pole auxiliary contacts), securing them in place.
2. Remove outer cover with a screwdriver.
CL products: The cover has a snap-fit design. Pry its ends loose from the contactor with a screwdriver to release the snaps.
CK products: The cover is held by two screws. Loosen them and remove the cover.

3. On the CL03 and CL10, remove the inner cover, which is held by two or four screws and remove.
4. Examine contacts for welding. If a contact is welded, gently pry the contacts apart using a screwdriver.
5. Reassemble by reversing the above procedure (steps 4, 3 and 2).

To ensure the contactor is operating correctly, operate it at least 10 times with main power off. Confirm that all poles are correctly opening and closing with a continuity meter.

C-2000 contactors and starters offer more safety and reliability.



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