

# "ORANGE LINE" AC Contactors, DC Operated



## ■ NON-REVERSING CONTACTORS UL File No. E42419, E44592 CSA File No. LR20479

1 Phase Ratings		3 Phase Ratings				AC1	Qty. of Auxiliary Contacts	Part Number	Fuji Type	Frame Size
120	240	200 208	220 240	440 480	550 600					
1/3	1	2	2	5	5	11	1	4GC0A0#10	SC-03/G	0A
1/3	1	3	3	5	5	13	1	4GC0F0#10	SC-0/G	0F
1/3	1	3	3	5	5	13	2	4GC0G0#11	SC-05/G	0G
1	2	5	5	7 1/2	7 1/2	20	1	4GC0Q0#10	SC-4-0/G	0Q
1	2	5	5	10	10	20	1	4GC0R0#10	SC-4-1/G	0R
1	2	5	5	10	10	20	2	4GC0H0#11	SC-5-1/G	0H

## ■ REVERSING CONTACTORS UL File No. E42419, E44592 CSA File No. LR20479

1 Phase Ratings		3 Phase Ratings				AC1	Qty. of Auxiliary Contacts	Part Number	Fuji Type	Frame Size
120	240	200 208	220 240	440 480	550 600					
1/3	1	2	2	5	5	11	1	4GD0A0#10	SC-03RM/G	0A
1/3	1	3	3	5	5	13	1	4GD0F0#10	SC-0RM/G	0F
1/3	1	3	3	5	5	13	2	4GD0G0#11	SC-05RM/G	0G
1	2	5	5	7 1/2	7 1/2	20	1	4GD0Q0#10	SC-4-0RM/G	0Q
1	2	5	5	10	10	20	1	4GD0R0#10	SC-4-1RM/G	0R
1	2	5	5	10	10	20	2	4GD0H0#11	SC-5-1RM/G	0H

Note: The list above indicates the No. of auxiliary contacts provided per contactor.

### EXPLANATION OF PART NUMBER SYSTEM

**4 G C 0 A 0 # 1 0**

• **PRODUCT LINE**  
4=Orange Line

• **OPERATION**  
N=AC Coil  
G=DC Coil

• **DESCRIPTION**  
C=Non-Reversing Contactor  
D=Reversing Contactor

• **FRAME SIZE**

• **QUANTITY OF N.C. AUX. CONTACTS**

• **QUANTITY OF N.O. AUX. CONTACTS**

• **COIL VOLTAGE**  
Select code from chart on next page

• **FRAME ENCLOSURE**  
0=Open Frame, No Enclosure

# "ORANGE LINE" AC Contactors, DC Operated

## AVAILABLE COILS

Code Letter	DC Coil
T	12V
M	24V
N	48V
1	100V
R	110V
2	200V
S	220V

## COIL CHARACTERISTICS

Frame Size	Power Consumption (VA)		Pick-up Voltage (V)	Drop-out Voltage (V)	Operating Time (ms)	
	Inrush	Sealed			Coil ON	Coil OFF
					Contact ON	Contact OFF
0A	7	7	11-15	3-6	43-47	22-24
0F	7	7	11-15	3-6	43-47	22-24
0G	7	7	10-15	3-7	43-47	22-24
0Q	7	7	11-15	3-7	44-48	22-25
0R	7	7	11-15	3-7	44-48	22-25
0H	7	7	11-16	4-7	45-49	22-26

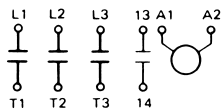
This data is based on 24-26VDC coil, tested at 24VDC.

## WIRING DIAGRAMS / AUXILIARY CONTACT INFORMATION

### NON-REVERSING CONTACTORS

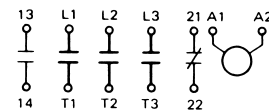
(4GC0A0, 0F0, 0Q0 and 0R0)

1NO\* (Standard)\*

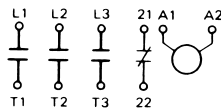


(4GC0G0 and 4GC0H0)

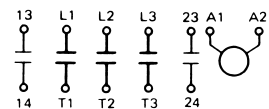
1NO+1NC (Standard)\*\*



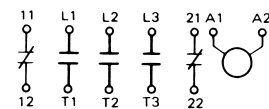
1NC\* (Option)



2NO\*\* (Option)

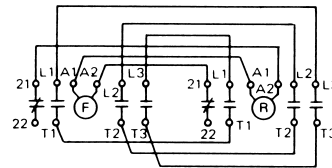


2NC\*\* (Option)

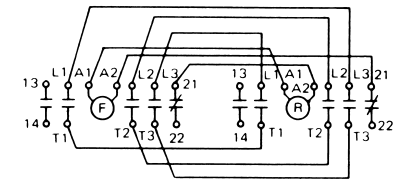


### REVERSING CONTACTORS

(4GD0A0, 0F0, 0Q0, 0R0) \*\*\*



(4GD0G0 and 4GD0H0) \*\*\*



### AUXILIARY CONTACT RATINGS

Operating	Contact Rating Code Designation	Continuous Ampere Rating	Current-Make/Break (A)			
			110 to 120V	220 to 240V	440 to 480V	550 to 600V
AC	A600	10	60/6	30/3	15/1.5	12/1.2
DC	Q300	10	120V		240V	
			0.55/0.55	0.27/0.27		

\* The 0A, 0F, 0Q & 0R frames offer 1 Aux. contact, NO standard. However, NC is available as an option.

\*\* The 0G & 0H frames offer 2 Aux. contacts, 1NO + 1NC standard. However, 2NO or 2NC is available as an option.

\*\*\* Reversing contactors are NOT pre-wired with an electrical interlock unless requested when ordered.

Reversing contactors without at least 1NC Aux. contact can not be electrically interlocked.

## ORDERING INFORMATION

1. Select the basic part number from the previous page.
2. Replace the # mark with the appropriate coil code from the chart above.
3. Verify the desired auxiliary contact arrangement.