

"ODYSSEY SERIES" AC Contactors, Featuring Supermagnet Technology (AC or DC Operated)



■ NON-REVERSING CONTACTORS UL File No. E42419

1 Phase Ratings		3 Phase Ratings				AC1	AC3	Qty. of Aux. Contacts		Part Number	Fuji Type	Frame Size
120	240	200 208	220 240	440 480	550 600			NO	NC			
1 1/2	3	7 1/2	10	25	25	50	34	2	2	3NC0T0#22/SE	SC-N1/SE	0T
2	3	10	15	30	30	60	42	2	2	3NC1Q0#22/SE	SC-N2/SE	1Q
3	7 1/2	15	20	40	40	80	54	2	2	3NC2F0#22/SE	SC-N2S/SE	2F
3	7 1/2	20	25	50	50	100	68	2	2	3NC2H0#22/SE	SC-N3/SE	2H
-	-	25	30	60	60	135	80	2	2	3NC2T0#22/SE	SC-N4/SE	2T
-	-	30	30	60	75	150	92	2	2	3NC3F0#22	SC-N5	3F
-	-	40	40	75	100	150	120	2	2	3NC3H0#22	SC-N6	3H
-	-	50	50	100	125	200	150	2	2	3NC4F0#22	SC-N7	4F
-	-	60	60	150	150	260	180	2	2	3NC4Q0#22	SC-N8	4Q
-	-	75	75	150	200	260	221	2	2	3NC4H0#22	SC-N10	4H
-	-	100	100	200	250	350	285	2	2	3NC5F0#22	SC-N11	5F
-	-	125	150	300	350	450	361	2	2	3NC5H0#22	SC-N12	5H

■ REVERSING CONTACTORS UL File No. E42419

1 Phase Ratings		3 Phase Ratings				AC1	AC3	Qty. of Aux. Contacts		Part Number	Fuji Type	Frame Size
120	240	200 208	220 240	440 480	550 600			NO	NC			
1 1/2	3	7 1/2	10	25	25	50	34	2	2	3ND0T0#22/SE	SC-N1RM/SE	0T
2	3	10	15	30	30	60	42	2	2	3ND1Q0#22/SE	SC-N2RM/SE	1Q
3	7 1/2	15	20	40	40	80	54	2	2	3ND2F0#22/SE	SC-N2SRM/SE	2F
3	7 1/2	20	25	50	50	100	68	2	2	3ND2H0#22/SE	SC-N3RM/SE	2H
-	-	25	30	60	60	135	80	2	2	3ND2T0#22/SE	SC-N4RM/SE	2T
-	-	30	30	60	75	150	92	2	2	3ND3F0#22	SC-N5RM	3F
-	-	40	40	75	100	150	120	2	2	3ND3H0#22	SC-N6RM	3H
-	-	50	50	100	125	200	150	2	2	3ND4F0#22	SC-N7RM	4F
-	-	60	60	150	150	260	180	2	2	3ND4Q0#22	SC-N8RM	4Q
-	-	75	75	150	200	260	221	2	2	3ND4H0#22	SC-N10RM	4H
-	-	100	100	200	250	350	285	2	2	3ND5F0#22	SC-N11RM	5F
-	-	125	150	300	350	450	361	2	2	3ND5H0#22	SC-N12RM	5H

EXPLANATION OF PART NUMBER SYSTEM

3 N C 0 T 0 # 2 2 / S E

- **PRODUCT LINE**
3=Odyssey Series

- **OPERATION**
N=AC or DC Coil
(Super Magnet)

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

- **FRAME SIZE**

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

- **SUPER MAGNET OPTION**
SE=Super Magnet Option "SE" is an option on frames 0T, 1Q, 2F, 2H & 2T. All other frames offer Super Magnet standard.

- **QUANTITY OF N.C. AUX. CONTACTS**

- **QUANTITY OF N.O. AUX. CONTACTS**

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

"ODYSSEY SERIES" AC Contactors, Featuring Supermagnet Technology (AC or DC Operated)

AVAILABLE COILS

Code Letter	AC 50/60Hz	DC
E	24–25V	24V
F	48–50V	48V
1	100–127V	100–120V
2	200–250V	200–240V
Q	380–450V	N/A
4	460–575V	N/A

Note: The coil is energized by either an AC or DC input. (Code letter: E, F, 1, 2)

COIL CHARACTERISTICS

Frame Size	Power Consumption (VA)		Pick-up Voltage (V)	Drop-out Voltage (V)	Operating Time (ms)	
					Coil ON Contact ON	Coil OFF Contact OFF
0T/SE, 1Q/SE	137	3.9	70–80	35–50	20–25	20–25
	168	3.8	70–80	35–50	23–28	24–29
2F/SE, 2H/SE	130	3.9	70–80	35–50	32–36	30–33
	130	3.9	70–80	35–50	32–36	30–33
3F	210	4.4	70–80	35–50	32–36	30–33
	210	4.4	70–80	35–50	32–36	30–33
4Q, 4H	277	5.4	70–80	35–50	35–41	37–45
	265	5.9	70–80	35–50	40–47	36–43

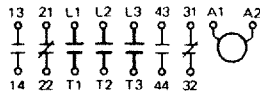
This data is based on 100-120V SUPERMAGNET coil, tested at 120Vac, 60Hz.

0T/SE, 1Q/SE	155	2.6	77–88	28–44	20–25	20–25
2F/SE, 2H/SE	195	2.5	77–88	28–44	23–28	24–29
2T/SE	112	2.6	77–88	28–44	32–36	30–33
3F	112	2.6	77–88	28–44	32–36	30–33
3H	255	3	77–88	28–44	32–36	30–33
4F	255	3	77–88	28–44	32–36	30–33
4Q, 4H	324	4.1	77–88	28–44	35–41	37–45
5F, 5H	340	4.5	77–88	28–44	40–47	36–43

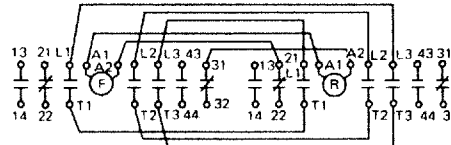
This data is based on 100-120V SUPERMAGNET coil, tested at 110VDC.

WIRING DIAGRAMS / AUXILIARY CONTACT INFORMATION

NON-REVERSING CONTACTORS



REVERSING CONTACTORS



Notes:

- 1) All Odyssey series contactors and starters come equipped with 2NO + 2NC auxiliary contacts standard.
- 2) Reversing contactors & starters from Frame size 0T through 2H can be constructed in the field. See Accessories on pages 27-28 for details. Larger frame reversing models [frames 2T & larger] can only be assembled at Fuji's New Jersey facility.

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		

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.