

**Product Selection**

**Reversing AC-Operated Contactors**



- AC Operating Mechanism, 3 Main Contacts
- Includes Mechanical/Electrical Interlock
- Includes Reversing Power Wiring

Ie		Ratings for Switching AC Motors										Auxiliary Contacts Installed per Contactor		Catalogue Number ①
		AC-2, AC-3, AC-4												
		[A]		kW (50 Hz)				HP (60 Hz)				NO	NC	
AC-3	AC-1	230V	400V 415V	500V	690V	1Ø		3Ø				NO	NC	
						115V	230V	200V	230V	460V	575V			
9	32	3	4	4	4	1/2	1 1/2	2	2	5	7-1/2	0	6	104S-C09②012C
												1	5	104S-C09②210C
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	0	6	104S-C12②012C
												1	5	104S-C12②210C
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	0	6	104S-C16②012C
												1	5	104S-C16②210C
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	0	6	104S-C23②012C
												1	5	104S-C23②210C
30	65	10	15	15	15	2	5	7-1/2	10	20	25	0	5	104S-C30②010C
												1	5	104S-C30②210C
37	65	11	18.5/20	20	18.5	3	5	10	10	25	30	0	5	104S-C37②010C
												1	5	104S-C37②210C
43	85	13	22	25	22	3	7.5	10	15	30	30	0	5	104S-C43②010C
												1	5	104S-C43②210C
60	100	18.5	32	37	32	5	10	15	20	40	50	0	5	104S-C60②010C
												1	5	104S-C60②210C
72	100	22	40	45	40	5	15	20	25	50	60	0	5	104S-C72②010C
												1	5	104S-C72②210C
85	100	25	45	55	45	7-1/2	15	25	30	60	60	0	5	104S-C85②010C
												1	5	104S-C85②210C

① For other contact configurations, please contact your local Rockwell Automation/Allen-Bradley distributor.

✕ One of the N.C. auxiliary contacts is supplied as part of the mechanical/electrical interlock.

⊗ **Coil Voltage Code**

The Catalogue Number as listed is incomplete. Select a coil voltage code from the table below to complete the Catalogue Number. Example: 120V 60 Hz: Catalogue Number **104S-C09②210C** becomes Catalogue Number **104S-C09D210C**.

Standard Coil Voltage	12	24	32	36	42	48	100	100-110	110	120	127	200	200-220	208	208-240
50 Hz	R	K	V	W	X	Y	KP	-	D	P	S	KG	L	-	-
60 Hz	Q	J	-	V	-	X	-	KP	-	D	-	-	KG	H	L
50/60 Hz	-	KJ	-	-	-	KY	KP	-	KD	-	-	KG	KL	-	-

  

Standard Coil Voltage	220-230	230	230-240	240	277	347	380	380-400	400	400-415	440	480	500	550	600
50 Hz	F	-	VA	T	-	-	-	N	-	G	B	-	M	C	-
60 Hz	-	-	-	A	T	I	E	-	-	-	N	B	-	-	C
50/60 Hz	KL	KF	-	KA	-	-	-	-	KN	-	KB	-	-	-	-

Contactors & Control Relays

**Safety Contactors**  
104S-C

Product Selection

Reversing DC-Operated Contactors



- DC Operating Mechanism, 3 Main Contacts, Line Side Coil Terminations
- Includes Mechanical/Electrical Interlock
- Includes Reversing Power Wiring

Ie		Ratings for Switching AC Motors										Auxiliary Contacts Installed per Contactor		Catalogue Number <sup>①</sup>
		AC-2, AC-3, AC-4												
[A]		kW (50 Hz)				HP (60 Hz)						NO	NC <sup>⊗</sup>	
AC-3	AC-1	230V	400V 415V	500V	690V	1∅		3∅						
						115V	230V	200V	230V	460V	575V			
9	32	3	4	4	4	1/2	1 1/2	2	2	5	7-1/2	0	6	104S-C09 <sup>⊗</sup> 012C
												1	5	104S-C09 <sup>⊗</sup> 210C
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	0	6	104S-C12 <sup>⊗</sup> 012C
												1	5	104S-C12 <sup>⊗</sup> 210C
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	0	6	104S-C16 <sup>⊗</sup> 012C
												1	5	104S-C16 <sup>⊗</sup> 210C
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	0	6	104S-C23 <sup>⊗</sup> 012C
												1	5	104S-C23 <sup>⊗</sup> 210C
30	65	10	15	15	15	2	5	7-1/2	10	20	25	0	5	104S-C30 <sup>⊗</sup> 010C
												1	5	104S-C30 <sup>⊗</sup> 210C
37	65	11	18.5/ 20	20	18.5	3	5	10	10	25	30	0	5	104S-C37 <sup>⊗</sup> 010C
												1	5	104S-C37 <sup>⊗</sup> 210C
43	85	13	22	25	22	3	7.5	10	15	30	30	0	5	104S-C43 <sup>⊗</sup> 010C
												1	5	104S-C43 <sup>⊗</sup> 210C
60	100	18.5	32	37	32	5	10	15	20	40	50	0	5	104S-C60 <sup>⊗</sup> 010C
												1	5	104S-C60 <sup>⊗</sup> 210C
72	100	22	40	45	40	5	15	20	25	50	60	0	5	104S-C72 <sup>⊗</sup> 010C
												1	5	104S-C72 <sup>⊗</sup> 210C
85	100	25	45	55	45	7-1/2	15	25	30	60	60	0	5	104S-C85 <sup>⊗</sup> 010C
												1	5	104S-C85 <sup>⊗</sup> 210C

① For other contact configurations, please contact your local Rockwell Automation/Allen-Bradley distributor.

⊗ One of the N.C. auxiliary contacts is supplied as part of the mechanical/electrical interlock.

⊗ Coil Voltage Suffix Code

The Catalogue Number as listed is incomplete. Select a coil voltage code from the table below to complete the Catalogue Number. Example: 120V 60 Hz: Catalogue Number 104S-C09<sup>⊗</sup>210C becomes Catalogue Number 104S-C09ZJ210C.

DC Voltage		9	12	24	36	48	60	64	72
104S-C09...C43	Standard	ZR	ZQ	ZJ	ZW	ZY	ZZ	ZB	ZG
	with Integrated Diode	—	—	DJ	—	—	—	—	—
104S-C60...C85	with Integrated Diode	DR	DQ	DJ	DW	DY	DZ	DB	DG

  

DC Voltage		80	110	115	125	220	230	250
104S-C09...C43	Standard	ZE	ZD	ZP	ZS	ZA	ZF	ZT
	with Integrated Diode	—	—	—	—	—	—	—
104S-C60...C85	with Integrated Diode	DE	DD	DP	DS	DA	DF	DT