

Product Selection

3-Pole AC-Operated Contactors



- AC Operating Mechanism
- 3 Main Contacts

I_e		Ratings for Switching AC Motors - AC-2, AC-3, AC-4										Auxiliary Contacts		Catalogue Number
[A]		kW (50 Hz)				HP (60 Hz)								
AC-3	AC-1	230V	400V 415V	500V	690V	1 \emptyset		3 \emptyset				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	5	100S-C09 \otimes 05C
												1	4	100S-C09 \otimes 14C
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	0	5	100S-C12 \otimes 05C
												1	4	100S-C12 \otimes 14C
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	0	5	100S-C16 \otimes 05C
												1	4	100S-C16 \otimes 14C
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	0	5	100S-C23 \otimes 05C
												1	4	100S-C23 \otimes 14C
30	65	10	15	15	15	2	5	7-1/2	10	20	25	0	4	100S-C30 \otimes 04C
												1	4	100S-C30 \otimes 14C
37	65	11	18.5/ 20	20	18.5	3	5	10	10	25	30	0	4	100S-C37 \otimes 04C
												1	4	100S-C37 \otimes 14C
43	85	13	22	25	22	3	7-1/2	10	15	30	30	0	4	100S-C43 \otimes 04C
												1	4	100S-C43 \otimes 14C
60	100	18.5	32	37	32	5	10	15	20	40	50	0	4	100S-C60 \otimes 04C
												1	4	100S-C60 \otimes 14C
72	100	22	40	45	40	5	15	20	25	50	60	0	4	100S-C72 \otimes 04C
												1	4	100S-C72 \otimes 14C
85	100	25	45	55	45	7-1/2	15	25	30	60	60	0	4	100S-C85 \otimes 04C
												1	4	100S-C85 \otimes 14C

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

Coil Voltage Code and Terminal Position

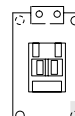
The Catalogue Number as listed is incomplete. Select a coil voltage code from the table below to complete the Catalogue Number Example: 120V, 60Hz: Catalogue Number 100S-C09 \otimes 05C becomes Catalogue Number 100S-C09D05C.

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

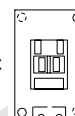
$\frac{V}{Hz}$	220-230	230	230-240	240	277	347	380	380-400	400	400-415	440	480	500	550	600
50Hz	F	-	VA	T	-	-	-	N	-	G	B	-	M	C	-
60Hz	-	-	-	A	T	I	E	-	-	-	N	B	-	-	C
50/60	KL	KF	-	KA	-	-	-	-	KN	-	KB	-	-	-	-

Coil Terminal Position

- All contactors are delivered with the coil terminals located on the line side.
- For load side coil terminations, insert a "U" prior to the coil voltage code. Ordering example: Catalogue Number **100S-C09UD05C**.



Cat. No.
100S-C09 \otimes 05C
 Line Side



Cat. No.
100S-C09U \otimes 05C
 Load Side

Allen-Bradley Parts

Contactors & Control Relays

Safety Contactors

100S-C

Product Selection

4-Pole AC-Operated Contactors



- AC Operating Mechanism
- 4 Main Contacts

Ie		Ratings for Switching AC Motors										Contact Configuration				Catalogue Number
		AC-2, AC-3, AC-4										Main Pole		Auxiliary Contacts		
[A]		kW (50 Hz)				HP (60 Hz)										
AC-3	AC-1	230V	400V 415V	500V	690V	1Ø		3Ø				NO	NC	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	4	0	0	4	100S-C09 \otimes 404C
												3	1	0	4	100S-C09 \otimes 304C
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	4	0	0	4	100S-C12 \otimes 404C
												3	1	0	4	100S-C12 \otimes 304C
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	4	0	0	4	100S-C16 \otimes 404C
												3	1	0	4	100S-C16 \otimes 304C
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	4	0	0	4	100S-C23 \otimes 404C
												3	1	0	4	100S-C23 \otimes 304C

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

⊗ 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 **100S-C09 \otimes 404C** becomes Catalogue Number **100S-C09D404C**.

V Hz	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	-	-

V Hz	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	-	-	-	-

Product Selection

3-Pole DC-Operated Contactors



- DC Operating Mechanism
- 3 Main Contacts

I _e		Ratings for Switching AC Motors - AC-2, AC-3, AC-4										Auxiliary Contacts		Catalogue Number ①
[A]		kW (50 Hz)				HP (60 Hz)						NO	NC	
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	5	100S-C09⊗05C
												1	4	100S-C09⊗14C
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	0	5	100S-C12⊗05C
												1	4	100S-C12⊗14C
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	0	5	100S-C16⊗05C
												1	4	100S-C16⊗14C
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	0	5	100S-C23⊗05C
												1	4	100S-C23⊗14C
30	65	10	15	15	15	2	5	7-1/2	10	20	25	0	4	100S-C30⊗04C
												1	4	100S-C30⊗14C
37	65	11	18.5/ 20	20	18.5	3	5	10	10	25	30	0	4	100S-C37⊗04C
												1	4	100S-C37⊗14C
43	85	13	22	25	22	3	7-1/2	10	15	30	30	0	4	100S-C43⊗04C
												1	4	100S-C43⊗14C
60	100	18.5	32	37	32	5	10	15	20	40	50	0	4	100S-C60⊗04C
												1	4	100S-C60⊗14C
72	100	22	40	45	40	5	15	20	25	50	60	0	4	100S-C72⊗04C
												1	4	100S-C72⊗14C
85	100	25	45	55	45	7-1/2	15	25	30	60	60	0	4	100S-C85⊗04C
												1	4	100S-C85⊗14C

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

⊗ **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: 24V DC: Catalogue Number **100S-C09⊗05C** becomes Catalogue Number **100S-C09ZJ05C**.

DC Voltage		9	12	24	36	48	60	64	72	80	110	115	125	220	230	250
100S-C09...C43	Standard	ZR	ZQ	ZJ	ZW	ZY	ZZ	ZB	ZG	ZE	ZD	ZP	ZS	ZA	ZF	ZT
	with Integrated Diode	—	—	DJ	—	—	—	—	—	—	—	—	—	—	—	—
100S-C60...C85	with Integrated Diode	DR	DQ	DJ	DW	DY	DZ	DB	DG	DE	DD	DP	DS	DA	DF	DT

Coil Terminal Position

- All contactors are delivered with the coil terminals located on the **line side**.
- For **load side** coil terminations, insert a “U” prior to the coil voltage code.
Ordering example: Cat No. **100S-C09UZJ05C**.



Cat. No.
100S-C09⊗05C
Line Side



Cat. No.
100S-C09U⊗05C
Load Side

Allen-Bradley Parts

Contactors & Control Relays

Safety Contactors

100S-C

Product Selection

4-Pole DC-Operated Contactors



- DC Operating Mechanism
- 4 Main Contacts

Ie		Ratings for Switching AC Motors										Contact Configuration				Catalogue Number ❶
		AC-2, AC-3, AC-4										Main Pole		Auxiliary Contact		
[A]		kW (50 Hz)				HP (60 Hz)										
AC-3	AC-1	230V	400V 415V	500V	690V	1∅		3∅				NO	NC	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	4	0	0	4	100S-C09⊗404C
												3	1	0	4	100S-C09⊗304C
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	4	0	0	4	100S-C12⊗404C
												3	1	0	4	100S-C12⊗304C
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	4	0	0	4	100S-C16⊗404C
												3	1	0	4	100S-C16⊗304C
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	4	0	0	4	100S-C23⊗404C
												3	1	0	4	100S-C23⊗304C

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

⊗ 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: 24V DC: Catalogue Number **100S-C09⊗404C** becomes Catalogue Number **100S-C09ZJ404C**.

DC Voltage		9	12	24	36	48	60	64	72	80	110	115	125	220	230	250
100S-C09...C23	Standard	ZR	ZQ	ZJ	ZW	ZY	ZZ	ZB	ZG	ZE	ZD	ZP	ZS	ZA	ZF	ZT
	with Integrated Diode	—	—	DJ	—	—	—	—	—	—	—	—	—	—	—	—