

Bulletin 100S-C/104S-C — IEC Safety Contactors

- Mechanically linked N.C. auxiliary contacts
- Front-mounted auxiliary contacts
 - Gold bifurcated
 - Permanently fixed
 - Protective cover to prevent manual operation
 - Red contact housing foreasy identification
 - Incorporates IEC 60947-5-1 “Mechanically Linked” symbol
- AC and DC operating coils
- SUVA Third-Party certification

Bulletin 100S-C/104S-C safety contactors provide mechanically linked positively guided contacts, required in feedback circuits of modern safety applications. The mechanically linked N.C. auxiliary contacts will not change state when a power pole welds. In addition, the gold-plated bifurcated auxiliary contacts are ideally suited for low-energy applications or feedback control circuits with multiple series-connected N.C. auxiliary contacts.

Your order must include: cat. no. of the contactor specified with coil voltage code and, if required, cat. no. of any accessories and/or replacement coils.

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

Standards Compliance

EN50205
 CSA C22.2 No. 14
 UL 508
 EN/IEC 60947-4
 IEC 60947-4-1 Annex H — Mirror
 Contacts
 IEC 60947-5-1 Annex L —
 Mechanically Linked Contacts
 Meets the material restrictions for
 European Directive
 2002/95/IEC-EU-RoHS

Certifications

SUVA Third-Party Certified
 CE Marked
 cULus Listed (File No. E3125;
 Guide NLDX, NLDX7)

Product Selection
3-Pole AC- and DC-Operated Contactors

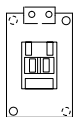
I_e [A]		Ratings for Switching AC Motors — AC-2, AC-3, AC-4										Aux. Contacts		Cat. No.*
		3-Phase kW (50 Hz)				Hp (60 Hz)								
		AC-3	AC-1	230V	400V/ 415V	500V	690V	1-Phase		3-Phase				
						115V	230V	200V	230V	460V	575V	N.O.	N.C.	
9	32	3	4	4	4	1/2	1-1/2	2	2	5	7-1/2	0	5	100S-C09@05BC
												1	4	100S-C09@14BC
12	32	4	5.5	5.5	5.5	1/2	2	3	3	7-1/2	10	0	5	100S-C12@05BC
												1	4	100S-C12@14BC
16	32	5.5	7.5	7.5	7.5	1	3	5	5	10	15	0	5	100S-C16@05BC
												1	4	100S-C16@14BC
23	32	7.5	11	13	10	2	3	5	7-1/2	15	15	0	5	100S-C23@05BC
												1	4	100S-C23@14BC
30	65	10	15	15	15	2	5	7-1/2	10	20	25	0	4	100S-C30@04BC
												1	4	100S-C30@14BC
37	65	11	18.5/20	20	18.5	3	5	10	10	25	30	0	4	100S-C37@04BC
												1	4	100S-C37@14BC
43	85	13	22	25	22	3	7-1/2	10	15	30	30	0	4	100S-C43@04BC
												1	4	100S-C43@14BC
60	100	18.5	32	37	32	5	10	15	20	40	50	0	4	‡ 100S-C60@04BC
												1	4	‡ 100S-C60@14BC
72	100	22	40	45	40	5	15	20	25	50	60	0	4	‡ 100S-C72@04BC
												1	4	‡ 100S-C72@14BC
85	100	25	45	55	45	7-1/2	15	25	30	60	60	0	4	‡ 100S-C85@04BC
												1	4	‡ 100S-C85@14BC
97	130	30	55	55	55	10	15	30	30	75	75	0	4	‡ 100S-C97@04BC
												1	4	‡ 100S-C97@14BC

* For other contact configurations and full product details, please contact your local Rockwell Automation sales office or Allen-Bradley distributor.

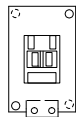
‡ If standard cross-stamped front-mount auxiliary contacts are required, remove the letter "B" before the letter "C" in the cat. no. Example: Cat. No. **100S-C09@05BC** becomes Cat. No. **100S-C09@05C**.

‡ Bifurcated front-mount auxiliary contacts on Cat. Nos. **100S-C60...C97** conform to mirror contact performance only.

⊗ Coil voltage code and terminal position—see page 2-137



Cat. No.
100S-C09@05C
Line Side



Cat. No.
100S-C09U@05C
Load Side