

Auxiliary Contacts

			Built-in Auxiliary Contacts in Contactor CA7-9...CA7-23	Front Mounted Auxiliary Contacts CA7-FV, C57-FV, C2E/A7, CV7	Side Mounted Auxiliary Contacts CA-PA, CMT
Continuous Current Rating per IEC/CSA					
Rated Voltage	AC	[V]	600 max.	600 max.	600 max.
Continuous Rating	40°C	[A]	10 A general purpose Heavy pilot duty (A600) 5A, 600 max. Standard pilot duty (P600)	10 A general purpose Heavy pilot duty (A600) 2.5A, 600 max. Standard pilot duty (P600)	10 A general purpose Heavy pilot duty (A600) 2.5A, 600 max. Standard pilot duty (P600)
Continuous Rating	DC	[A]			
Short-Circuit Protection - gGfuse					
Type 2 Coordination		[A]	20	10	10
Rated Impulse Voltage U _{imp}		[kV]	8	8	8
Insulation Voltage (between control and load circuit) per DIN VDE 0103, Part 101 (SABER recommendation)		[V]	380	440	440
Mechanically Linked Contacts (per IEC60947-5-1 Annex L (SABER Third-party certified))			Mutually unrestricted between all NO and NC contacts	Mutually unrestricted between all NO & NC contacts, C2E & CV7 not mechanically linked with contactor main contacts	Mutually unrestricted between all NO and NC contacts
Terminals					
Terminal Type					
Maximum Wire Size per IEC 947-1			2xM4	2xM4	2xM4
	Flexible with Wire-End Ferrule	1 conductor [mm ²]	1...4	0.5...2.5	0.5...2.5
		2 conductor [mm ²]	1...4	0.75...2.6	0.75...2.6
	Solid/Stranded-Conductor	1 conductor [mm ²]	1.5...6	0.5...2.5	0.5...2.5
		2 conductor [mm ²]	1.5...6	0.75...2.6	0.75...2.6
Recommended Tightening Torque			1.5...2.5 [Nm]	1...1.5	1...1.5
Max. Wire Size per IEC/CSA			16...10 [AWG]	16...12	16...12
Recommended Tightening Torque			13...22 [ft·in]	8.9...13	8.9...13

Accessories

Latch Attachment Release, CV7-11		
Coil Consumption	[VA/W] [W]	AC 45/40 DC 25W
Contact Signal Duration	[min/max]	0.03...1.5s
Time Attachment, CRJ27, CRJAT		
Reset Time		
at min. time setting	[ms]	10
at max. time setting	[ms]	70
Repeat Accuracy		±10%

Positively-Guided Contacts (Mechanically-linked) SABER Certified

- Restricted guidance guarantees without restrictions from contactor to auxiliary contact and auxiliary contact to contactor.❶

Contact Ratings (Per NEMA/UL A600 & Q600)

Standard	Circuit Voltage	Make (Amps/VA)	Break (Amps/VA)	Continuous Amps
A600	120AC	60A/7200VA	6A/720VA	10
	240AC	30A/7200VA	3A/720VA	
	480AC	15A/7200VA	1.5A/720VA	
	600AC	12A/7200VA	1.2A/720VA	
Q600	125DC	0.55A/69VA	0.55A/69VA	25
	250DC	0.27A/69VA	0.27A/69VA	
	301-600DC	0.1A/69VA	0.1A/69VA	

❶ See Section G for additional details.

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AW Chickering



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