








Auxiliary Contacts

			Built-in Auxiliary Contacts in Contactor CA7-9...CA7-23	Front Mounted Auxiliary Contacts CA7-PV, CS7-PV, CZE/A7, CV7	Side Mounted Auxiliary Contacts CA-PA, CM7
Continuous Current Rating per UL/CSA					
Rated Voltage	AC	[V]	600 max.	600 max.	600 max.
Continuous Rating	40°C	[A]	10 A general purpose Heavy pilot duty (A600)	10 A general purpose Heavy pilot duty (A600)	10 A general purpose Heavy pilot duty (A600)
Continuous Rating	DC	[A]	5A, 600 max. Standard pilot duty (P600)	2.5A, 600 max. Standard pilot duty (Q600)	2.5A, 600 max. Standard pilot duty (Q600)
Short-Circuit Protection -gGFuse					
Type 2 Coordination		[A]	20	10	10
Rated Impulse Voltage U_{imp}			[kV]	8	6
Insulation Voltage (between control and load circuit) per DIN < VDE 0103, Part 101 (NAMUR recommendation)		[V]	380	440	440
Mechanically Linked Contacts (per IEC60947-5-1 ● Annex L (SUVA Third-party certified))			Mutually unrestricted between all NO and NC contacts	Mutually unrestricted between all NO & NC contacts. CZE & 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			2xA4	2xA4	2xA4
 Flexible with Wire-End Fernule	1 conductor	[mm²]	1...4	0.5...2.5	0.5...2.5
 Flexible with Wire-End Fernule	2 conductor	[mm²]	1...4	0.75...2.6	0.75...2.6
 Solid/Stranded-Conductor	1 conductor	[mm²]	1.5...6	0.5...2.5	0.5...2.5
 Solid/Stranded-Conductor	2 conductor	[mm²]	1.5...6	0.75...2.6	0.75...2.6
Recommended Tightening Torque		[Nm]	1.5...2.5	1...1.5	1...1.5
Max. Wire Size per UL/CSA		[AWG]	16...10	16...12	16...12
Recommended Tightening Torque		[lb-in]	13...22	8.9...13	8.9...13

Accessories

Latch Attachment Release, CV7-11		
Coil Consumption	[VA/W]	AC 45/40
	[W]	DC 25W
Contact Signal Duration	[min/max]	0.03...15s
Time Attachment, CRZE7, CRZA7		
Reset Time		
at min. time setting	[ms]	10
at max. time setting	[ms]	70
Repeat Accuracy		±10%

Contact Ratings (Per NEMA/UL A600 & Q600)

Standard	Circuit Voltage	Make (Amps/VA)	Break (Amps/VA)	Continuous Amps
A600	120AC 240AC 480AC 600AC	60A/7200VA 30A/7200VA 15A/7200VA 12A/7200VA	6A/720VA 3A/720VA 1.5A/720VA 1.2A/720VA	10
Q600	125DC 250DC 301-600DC	0.55A/69VA 0.27A/69VA 0.1A/69VA	0.55A/69VA 0.27A/69VA 0.1A/69VA	2.5

Positively-Guided Contacts (Mechanically-linked)

SUVA Certified

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