

General Data

CA9-116...2650		
Rated Isolation Voltage U_i		
IEC	[V]	1000V
UL; CSA	[V]	600V
Rated Voltage U_{imp}		
	(kV)	8
Rated Voltage U_e - Main Contacts		
AC 50/60Hz	[V]	115,200,230,240,400,415,460,500,575,690,1000
DC	[V]	24, 48, 110, 220, 440
Operating Frequency for AC Loads		
	[Hz]	50/60Hz
Electromagnetic compatibility		
		IEC 60947-1 - Environment A
Insulation Class of the Coil		
		Class F per IEC 60947-4-1
Rated Coil Frequency		
		AC 50/60 Hz, DC
Ambient Temperature		
Storage	[°C]	-40...+70
Operation at rated voltage	[°C]	-40...+70
Max. Altitude of Installation Site		
	[m]	3000
Climatic Withstand		
CA9-116...370:		IEC 60068-2-30 Test Db & IEC 60068-2-2 test Bd & IEC 60068-2-1 test Ab (report 1314369)
CA9-400...2650:		IEC 60068-2-2 test Ba & Bb & IEC 60068-2-1 test Aa & Ab, IEC 60068-2-30
Resistance to Shock		
		IEC 60068-2-27
Resistance to Vibration		
		IEC 60068-2-6
Protection Class		
Contactors main contacts		IP00
Contactors coil terminals		P2X (in connected state)
Auxiliary contacts		P2X (in connected state)

Standards	IEC/EN 60947-1, Low-voltage switch gear and control gear;
	IEC/EN 60947-4-1, Low-voltage switch gear and control gear, Contactors and motor starters;
	IEC/EN 60947-5-1, Low-voltage switch gear and control gear, Control circuit devices and switching elements;
Standards	UL 60947-4-1, Industrial Control Equipment (USA);
	CSA C22.2 No. 14, Industrial Control Equipment (Canada)
	Mechanically Linked Contacts: IEC 60947-5-1, Annex L
Standards	Mirror Contacts: IEC 60947-4-1, Annex F
	CA9-116...750 with all CA9-S* side mounted NC auxiliary contacts
Approvals	cULus, File No. E41850/E196120 (contactors, reversing contactors)
	CCC, EAC, RINA, ABS, RCM
Certifications	CE, SUVA

