

**General Data**

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

<b>Standards</b>	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; 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
<b>Approvals</b>	Mirror Contacts: IEC 60947-4-1, Annex F
	CA9-116...750 with all CA9-S* side mounted NC auxiliary contacts
<b>Certifications</b>	cULus, File No. E41850/E196120 (contactors, reversing contactors)
	CCC, EAC, RINA, ABS, RCM
	CE, SUVA

