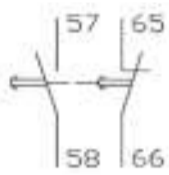

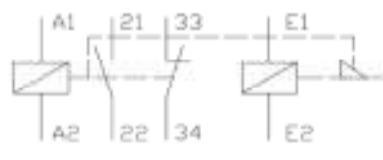
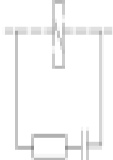
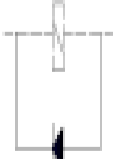
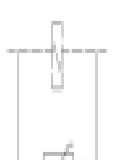


Accessories Modules

	Description	For use with	Connection Diagram	Function	
Contact Block	<ul style="list-style-type: none"> • 2 and 4 pole with fail safe linkage • Fitted to Contactor without tools • Finger and back of hand proof acc. to VDE 0106 • Different Combinations of NO & NC 	CA3-9....72	---	----	
	Technical Data				
	Switching AC Loads AC-1 lth				
	at 40°C 16 A at 60°C 12 A AC-15 at 415V 2.5 A				
Pneumatic Timer (CZE3)	The contacts in the Pneumatic Timing Element switch after the delay time. The contacts on the main contactor continue to operate without delay.	CA3-9....72		ON-Delay	
	• Continuous adjustment range			0.3...30s 1.8...180s	
	Technical data			OFF-Delay	
	Mechanical life 5 million ops.				0.3...30s 1.8...180s
	Repetition accuracy of the settings for 1 million operations at a constant ambient conditions in a range of -5°C....+55°C				
	Continuous setting range				
	0.3...30 s ±6% 1.8 ..180 s ±10%				
	Variation per 1°K change of ambient temp ±0.5%				
	Scale (pick-up delay) Logarithmic in seconds for initial setting, correction by time measurement or process operation				
	Ambient temperature range				
storage -40.....+80°C Operation +25.....+60°C					
Mechanical interlock (CM3)	Common to all CA3 contactors, interlocks different contactor sizes	CA3-9....72	----		
Mechanical latch (CV3-11)	Following contactor latching the contactor coil is immediately de-energized by the NC auxiliary contact	CA3-9....72		----	
	• Electrical or manual release				
	• 1 NO + 1 NC auxiliary switch				
	Technical Data				
	Available Coil Voltages				
	For AC Mechanism 12....550V 50/60Hz				
	For DC Mechanism 6....250V				
	Mechanical Life 3 Mil. Ops.				
	Pick Up Power OFF				
	AC 45VA/40W DC 25W				
	Pick up OFF min./max. 0.6...1.1 of Us				
	Control OFF min./max 0.03..15s Signal Duration				
	Operating Rate				
	30 ms control signal 3000 sw./ hr. 15 s control signal 30 sw./hr.				
Contact Operating Time (Contacts 57, 58 & 65...68)					
ON 24.....45 ms OFF 6.....10 ms					
Surge suppressors	Limits coil switching transients. • Coil mounted	CA3-9....72	RC Module AC Control (CRC3)		
			24...48V		
			24...240V		
			110...280V 380...480V		
			Diode Module DC Control (CRD3)		
			12...250V		
			Varistor Module AC/DC Control (CRV3)		
			12...55VAC		
			55...136VAC		
			137...277VAC		
			220...250VDC 278...575VAC		