
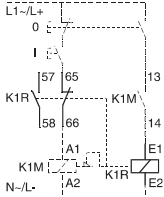


A2 Control Modules (continued)

CA7 Contactors

Module	Description	For use with...	Connection Diagrams	Catalog Number
	Mechanical Latch – Following contactor latching, the contactor coil is immediately de-energized by the NC auxiliary contact (65-66). <ul style="list-style-type: none"> Electrical or manual release 1 NO + 1 NC auxiliary switch Suitable for all CA7 contactors 	All CA7 ⑤		CV7-11-* Replace * with coil code below (See Application Note below)

CV7 Mechanical Latch Coil Codes ①②③④

Coil Code	Application Range			Latch & Contactor Coil Rating
	50 Hz	60 Hz	VDC	
24Z	24 VAC	24 VAC	12 VDC	24V 50/60 Hz
48Z	48 VAC	48 VAC	24 VDC	48V 50/60 Hz
110	100 VAC	110 VAC	48 or 60VDC	110V50/110V60
120	110 VAC	120 VAC	~	110V50/120V60
220W	~	208...240 VAC	~	208...240V60
240Z	240 VAC	240 VAC	125 VDC	240V 50/60 Hz
400Z	400 VAC	400 VAC	220 VDC	400V 50/60 Hz
415	400...415 VAC	~	~	400...415 V50 Hz

APPLICATION NOTE:

The CV7 Mechanical Latch for CA7 may be used for both AC and DC applications; however when using DC control circuit the user must apply the following rules for coil selection of the contactor and latch combination:

- The CA7-9E...55E contactor uses an electronic DC coil and the CV7 latch coil code should be chosen from the table on the left. (i.e.: 24V DC control circuit select CA7-9E...55E with code 24E and CV7 latch uses a 48Z AC coil code).
- When DC control circuits are required use CA7-60D...97D contactors with standard two winding DC coil and the CV7 latch with AC coil selected from the table, top left. (i.e.: 125V DC control circuit should use 125DD coil code in the contactor and 240Z AC coil code in the CV7 latch).

Removed the following offerings from table:
CV7 Mechanical Latch Coil Code

- remove the ' 230Z ' coil code from the listing
 - remove the ' 277 ' coil code from the listing
 - remove the ' 380 ' coil code from the listing
 - remove the ' 480 ' coil code from the listing
 - remove the ' 600 ' coil code from the listing
- action: remove footnote # 3 – and repaginate the footnote #s'

① Other voltages available. Contact your Sprecher + Schuh representative.

② CV7 must be wired for momentary operation only.

③ Command duration 0.03...10 seconds.

④ Coil operating limits on CV7-11 match those of the contactor it is being used with.

⑤ Not for use with CA7-90 (4-pole) contactors.