

# Series CA9 Power Protection Contactors



Sprecher + Schuh's CA9 contactor line combines the simple function of our popular CA7 series with the rugged performance demanded in this larger horsepower range. CA9 contactors offer a smaller footprint than traditional contactors in this size class.

## A broad selection for large horsepower applications

The CA9 range consists of sixteen contactors in six frame sizes covering motors from 75 to 900HP at 460V and from 100 to 1150HP at 575V. This line is ideally suited for demanding applications such as steel mills, rock quarries, mines or for any large horsepower application where a sturdy, durable contactor is needed.



### Contemporary Design

- Universal coil reduces SKUs, minimizes inventory, and simplifies product selection
- Physical size reduction requires less panel space and lower shipping cost
- High performance contactor with global certifications

### Features

- Broad IEC offering AC-3 and AC-1
- Small footprint
- Low power consumption coils
- Shared/coordinated accessories
- Completely enclosed arc quenching protection

### Amp Sizes

- current rating 116...2650A
- 6 frame sizes - with 16 selections

### Standards / Certifications

- cULus
- CE
- EAC
- EN/IEC
- CCC
- RCM

### Electronic coils offer many advantages

The universal electronic AC/DC coils make selection for the CA9 series an easy process and less of an inventory concern within the advantages of the wide ranges and dual voltage features. As an addition, the low (10mA 24V DC) switching energy enables direct connection to PLCs' without interposing relays. Four coil selections in each of the six frame sizes cover voltage ranges 24...500V DC.

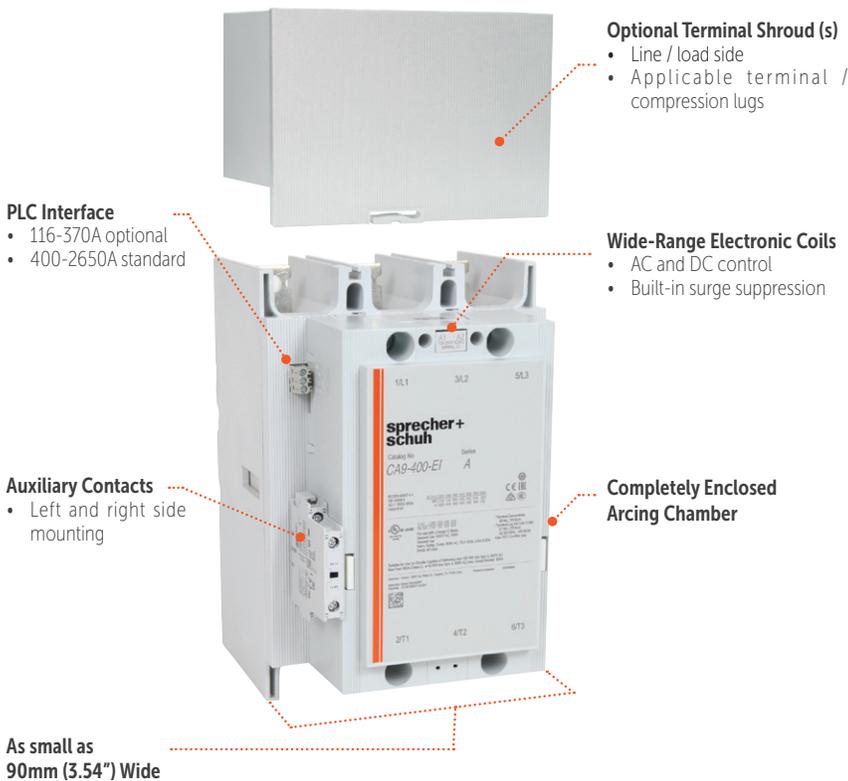
- Electronic wide range, AC/DC coils
  - Optional integrated PLC interface
  - Low Power hold-in current
  - Integrated surge suppression

Other advantages of the CA9 electronic coil include:

- No safeguards are necessary to bridge brief supply interruptions
- Precisely defined pick-up and drop-out voltages eliminate the possibility of chattering

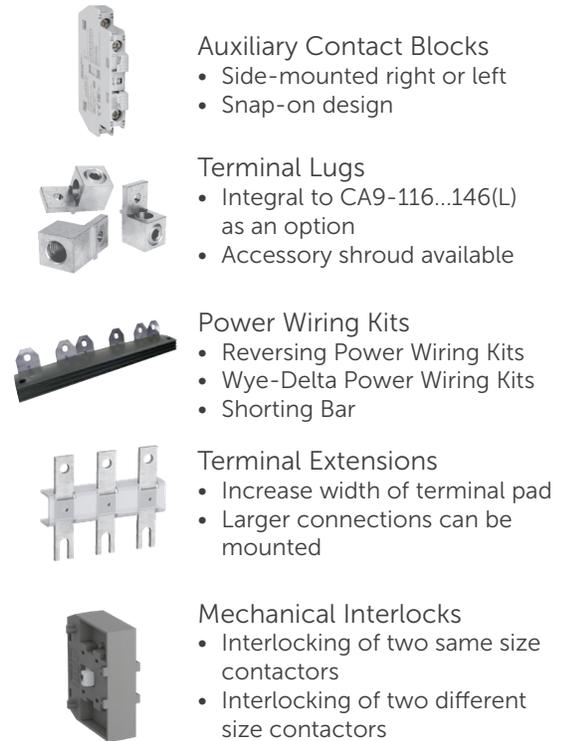


### Modular Design with Universal Accessories



### Accessories

All accessories are interchangeable among all CA9 contactors



### Non-Reversing, Three Pole Contactors With AC/DC Coil, Series CA9 (Open type only)

Catalog Number	$I_e$ [A]		Ratings for Switching AC Motors (AC2 / AC3)				Auxiliary Contacts per Contactor	
			UL/CSA HP (60 Hz)					
	AC-3 (400V)	AC-1 (690V)	3 Ø				NO	NC
CA9-116	116	160	30	40	75	100	1	1
CA9-146	146	225	40	50	100	125	1	1
CA9-190	190	275	50	60	125	150	1	1
CA9-205	205	350	60	75	150	200	1	1
CA9-265	265	400	75	100	200	250	1	1
CA9-305	305	500	100	125	250	300	1	1
CA9-370	370	600	125	150	300	350	1	1
CA9-400-EI	400	600	125	150	350	400	1	1
CA9-460-EI	460	700	150	200	400	500	1	1
CA9-580-EI	580	800	200	250	500	600	1	1
CA9-750-EI	750	1050	250	300	600	700	1	1
CA9-860-EI	860	1350	~	400	800	1000	1	1
CA9-1060-EI	1060	1650	~	450	900	1150	1	1
CA9-1260-EI	~	1260	~	~	~	~	1	1
CA9-2050-EI	~	2050	~	~	~	~	1	1
CA9-2650-EI	~	2650	~	~	~	~	1	1



For more information, or to contact your Sprecher + Schuh representative, visit [www.sprecherschuh.com](http://www.sprecherschuh.com)