

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

- EN/IEC
- CE Marked
- cULus
- CCC
- EAC
- C-tick

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

Series CA9 Features

Modular Design with Universal Accessories

PLC Interface

- 116-370A optional
- 400-2650 A standard

Optional Terminal Shroud (s)

- Line / load side
- Applicable terminal / compression lugs

Auxiliary Contacts

- Left and right side mounting

Touch Safe Coil Terminals

As small as 90mm (3.54") Wide

Completely Enclosed Arcing Chamber

Accessories

All accessories are interchangeable among all CA9 contactors

Auxiliary Contact Blocks

- side-mounton right or left
- Snap-on design

Terminal Lugs

- Integral to CA9-116...146(L) as an option
- Accessory shroud available

Power Wiring Kits

- Reversing Power Wiring Kits
- Wye-Delta Power Wiring Kits
- Shorting Bar

Terminal Extensions

- Increase width of terminal pad
- Larger connections can be mounted

Mechanical Interlocks

- Interlocking of two same size contactors
- Interlocking of two different size contactors

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

Catalog Number	Ratings for Switching AC Motors (AC2 / AC3)						Auxiliary Contacts per Contactor	
	I_e [A]		UL/CSA HP (60 Hz)					
	AC-3 (400V)	AC-1 (690V)	200V	230V	460V	575V	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	480	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

• "EI" electronic interface for PLC is optional on 116-370A models



See Sprecher + Schuh's general catalog for complete information on CA9 contactors and accessories.

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