

Series CA4 Contactors & CAT4 Starters

An ingenious miniature contactor and starter system



CAT4 starters feature the new CEP7 solid state overload relay...more accurate, wider current adjustment range and less heat generated

Sprecher + Schuh's CA4 Series of miniature contactors and starters provide an extremely compact and reliable method of controlling motors of 5 HP or less (@460V). The CA4 is an economical choice for applications where space is limited or where a minimal enclosure is desired.

Small but rugged

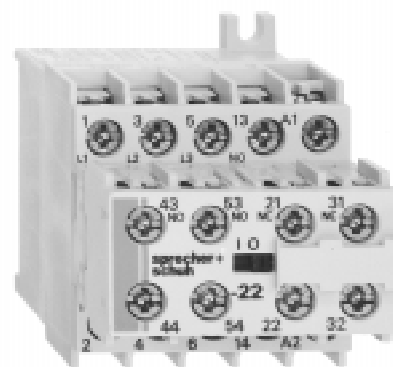
Even though their contacts and coils are not replaceable, Sprecher + Schuh has subjected this series of contactors to monitored endurance tests that demonstrate their ruggedness. At full load, under 3-phase power, the contacts in the CA4 have an electrical life of 700,000 operations, while the AC magnet system has a mechanical life of 10,000,000 operations.

The CAT4 Starter – Efficient and reliable

This miniature starter features the new CEP7 Solid State Overload Relay, known for its superb protection, accuracy and low energy use. Rather than simulate the heat build-up in the motor by passing current through an electromechanical mechanism, CEP7 overload relays measure current directly through the use of current transformers. Their solid state design significantly reduces heat and ensures a precise and reliable tripping response even after many years of operation. For a complete description of Sprecher + Schuh Solid State Overload Relays, see page B2 in this catalog.

Accessories require no additional panel space

The entire CA4 System is logically engineered. Modular accessories like auxiliary contact blocks and timing elements snap-on without increasing the CA4's original width of 45mm.



Also, due to its sideways switching movement, the basic contactor has the same low profile whether an AC or DC operating magnet is used. This permits the use of enclosures with shallow mounting depths. Once the CA4 is installed, all auxiliary contact blocks can be snapped-on or removed without changing any existing power wiring. Other accessories include a snap-on RC Link (surge suppressor), mechanical interlocks and space saving adaptors for connecting auxiliary components.

Effortless installation

Both the CA4 Contactor and the CAT4 Starter are DIN-rail mountable for instant installation and modification. Fittings are also included on the CA4 for base mounting. All terminals are clearly marked and shipped in the open position for installation with either manual or power screwdrivers.



12A



Contactors

CA4