

Eliminate components Reduce enclosure space Lower your starter cost

CX7 Enclosed Combination Starter

A compact, low-cost alternative to the traditional combination starter!

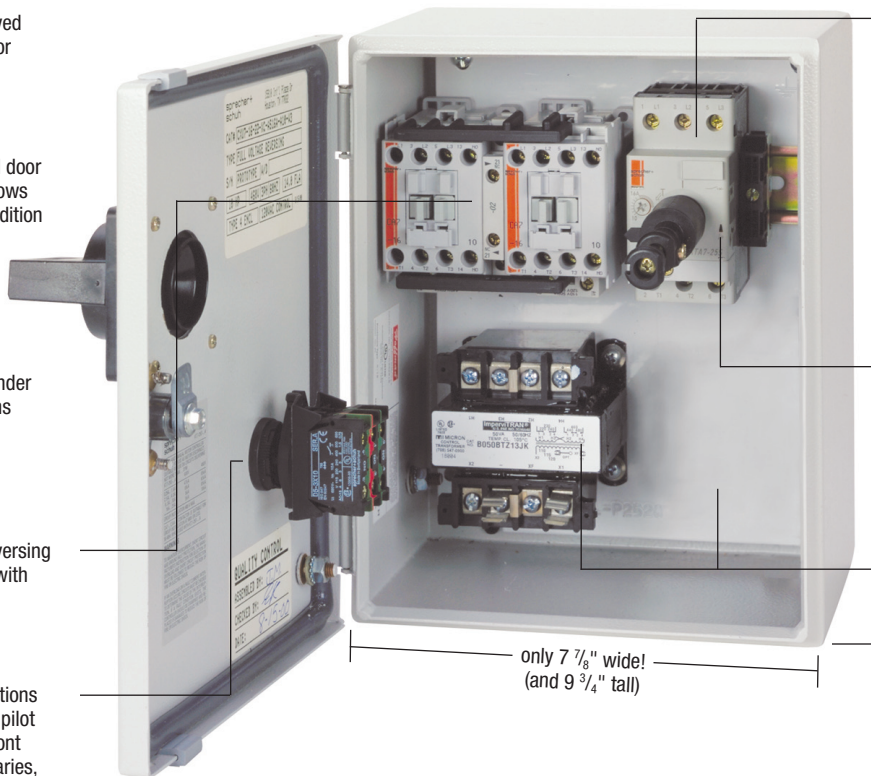
Type 3/4/4x/12 approved through-the-door motor disconnect

Defeatable interlocked door mechanism clearly shows ON/OFF or tripped condition

Differential tripping mechanism provides accelerated tripping under single-phase conditions

Reversing and non-reversing starters are available with either AC or DC coils

Other factory modifications include multi-function pilot devices, pilot lights, front and side-mount auxiliaries, terminal blocks and more



KT7 "Self-Protected Type E" device provides current-limiting short-circuit protection to 65kA, and Class 10 thermal overload protection

The Type E rating eliminates the need for an additional circuit breaker or fused disconnect to provide branch circuit protection – the KT7 is the BCPD

Short circuit indication

Supplied with reversing power connectors on line and load sides

Space for control power transformer and terminal blocks or relays

NEMA 4/12 enclosure suitable for installation indoors or out

only 7 7/8" wide!
(and 9 3/4" tall)

Fewer components mean a smaller enclosure and lower cost

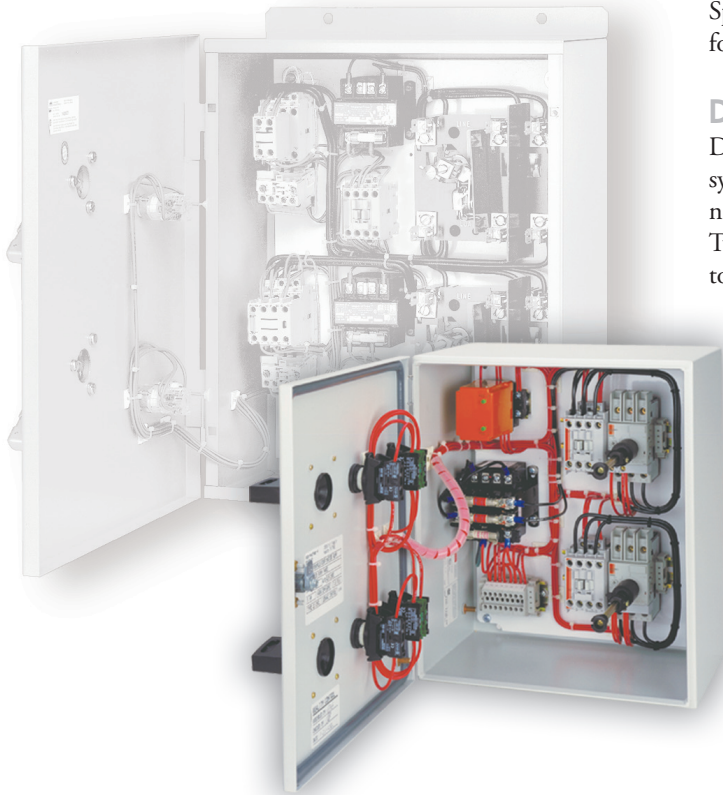
CX7 = CA7 Contactor + KT7 "Type E" Motor Circuit Controller

Sprecher + Schuh's CX7 enclosed combination starter is a simple, compact alternative to traditional combination starters. With decreased overall dimensions and fewer components required, the CX7 can be housed in a much smaller enclosure — resulting in lower cost. It's all possible with Sprecher + Schuh's KT7

controller, providing motor disconnect, current-limiting short-circuit protection, Class 10 overload protection and signaling functions in one device.



Duplex KT7 Pump Controller



Sprecher + Schuh duplex pump controllers are designed for two specific requirements: duplexing and alternation.

Duplexing

Duplexing provides capacity for above normal demand or system peaking by allowing both motors to run simultaneously. It also provides standby capacity if one unit fails. Two pilot devices (pressure or float switches) are required to provide electrical signals to the controller.

Alternation

Alternation provides for equal wear on the two machines being controlled by reversing the “lead” and “lag” role of the specific motors. Alternation occurs at any time the two motors are at rest.

Less is More

KT7's Type E Rating means fewer components, and a much smaller enclosure than the traditional duplex pump controller. And one control power transformer is sufficient to power this new design.

Fewer components and smaller enclosures mean reduced cost and significant space savings!



The KT7 Motor Circuit Controller Makes it Possible

Sprecher + Schuh's KT7 motor circuit controller combines several control and protection functions into one compact unit. It provides Class 10 thermal overload protection, current-limiting short-circuit protection up to 65kA, and signaling capabilities. And its rating as a self-protected Construction Type E device allows it to serve as the motor disconnect, and eliminates the need for additional circuit breakers or fused disconnect switches to provide branch circuit protection.

Thermal Overload + Short Circuit Protection + Switching/Signaling + Motor Disconnect