

# KWIKstarter II Motor Control Pre-assembled Starters



Sprecher + Schuh offers a broad selection of pre-assembled or “build-from-stock” starters housed in a high impact, non-metallic, cUL approved, Type 1, 12, 4, or 4X enclosure. Built for convenience, space savings and economy, KWIKstarters II are efficiently designed to use stock CA7 contactors and CEP7 or CT7N overloads usually stocked by distributors. Contactor and overload are either pre-wired and pre-mounted onto the enclosure’s built-in DIN-rail or may be ordered as separate components. Ample knockouts and open terminals guarantee quick, no fuss wiring.

- Designed for simplicity, maximum flexibility and you can build it.
- Preassembled or build from stock: easy, fast, economical enclosed starters for applications up to 30HP.
- KTA7 can be applied in combination with a CA7 contactor for remote control and an enclosure with matching environmentally approved thru-the-door handle disconnect mechanism to meet all requirements for a Construction Type E or F Combination Starter.
- Sprecher + Schuh has developed a KWIKstarter version of the Combination Motor Controller which can be easily field assembled or can be purchased as a factory assembly.



## Sized for most industrial applications

These rugged, modular starters are built with state-of-the-art CA7 Series contactors, noted for their long and reliable service. “Bounce free” contacts and high contact pressure allow the device to handle high inrush currents with no effect on performance. KWIKstarter II controls motors up to 30HP @ 460V in two sizes of enclosures, measuring only 208 x 98mm (7.4” x 3.9”) or 250 x 125mm (9.85” x 4.93”) for our larger sizes. This covers over 85% of industrial motor control applications in a very compact package that can be mounted adjacent to or directly on equipment.

## Thermal overload protection

KWIKstarters, sized 9 to 23 amps, are equipped with Sprecher+Schuh’s CT7N bimetallic thermal overload relay as standard. The consistent high quality of our thermal overload relays is ensured by a complex current calibration procedure performed after each unit is at full operating temperature.

## Solid state overload options

KWIKstarter II, sizes 9 to 23 amps, can also be supplied with Sprecher+Schuh’s CEP7 Second Generation solid state overload relay. The CEP7 Overload is standard on larger (sizes 30 to 43 amps) and all reversing KWIKstarters. The CEP7 solid state overload relays measure motor current directly through integrated current transformers and on board electronics. The electronics provide increased accuracy and numerous other advantages over electromechanical relays.

## Build it yourself...

KWIKstarters may be assembled from stock components. Just select a CA7 contactor and overload of your choice and snap them into the enclosure. Minimal wiring is required and assembly can be completed in minutes.

# KWIKstarter II Features

## Knockouts

- Top and bottom 20/25mm cable gland entry

## Choice of Coils

- A variety of AC coils or Electronic DC coils

## Base Mounted D7-BX... Contacts

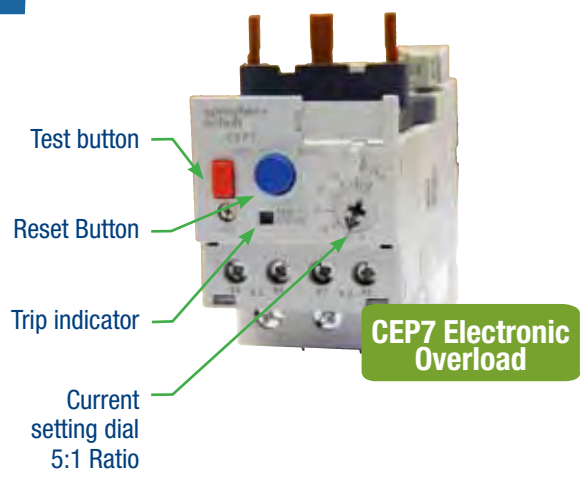
- No dangling wires when cover is removed ❶

## Optional neutral connection kit installed

- Optional grounding kit

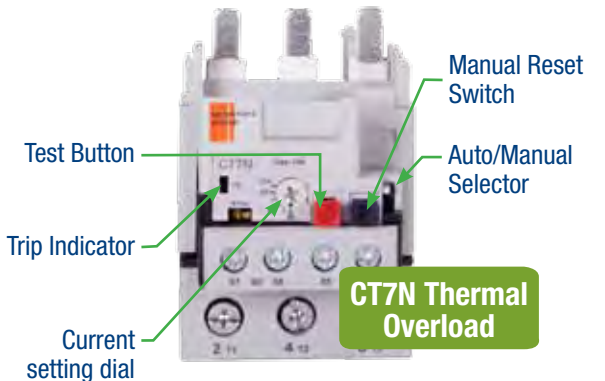
## Insulated Enclosure

- cUL Type 1, 12, 4 & 4X, IP66
- Generous wiring space top and bottom



## Mount OLR directly to CA7 Contactor

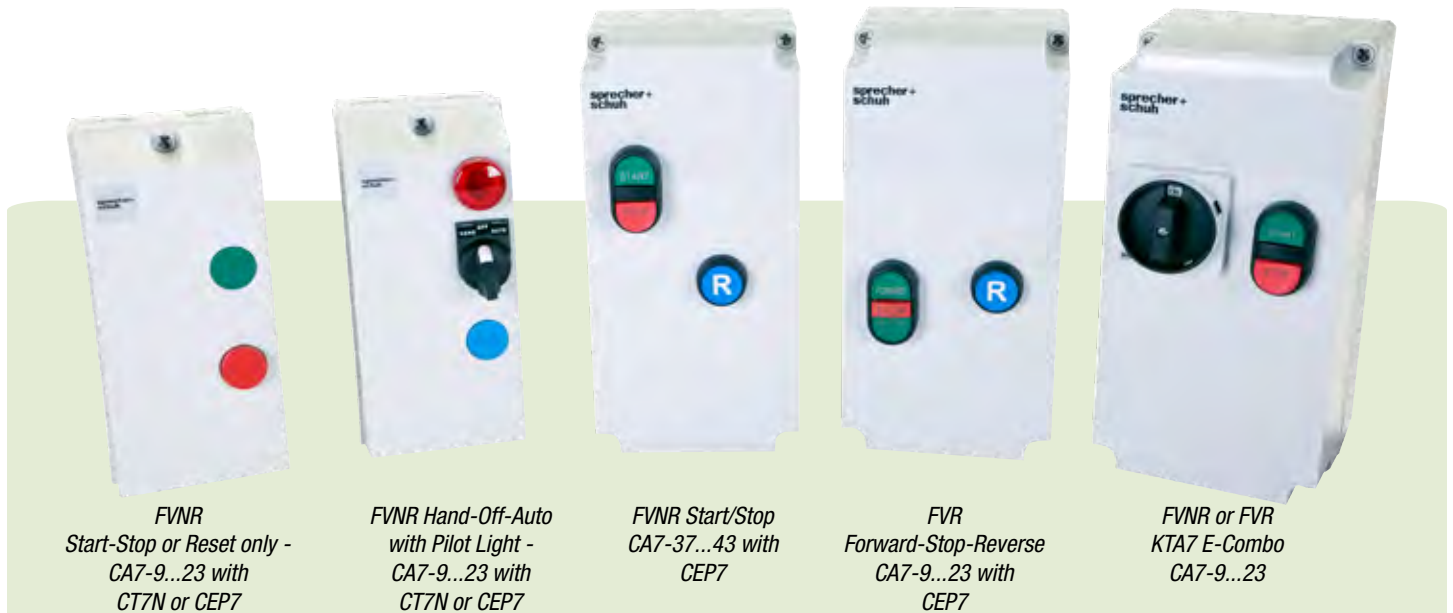
- Choice of CEP7 or CT7N Overload Relay



❶ Units with pilot light use D7D Monolithic.

\*Shown above CA7 + CEP7

Contact your Sprecher + Schuh representative for more information.



FVNR  
Start-Stop or Reset only -  
CA7-9...23 with  
CT7N or CEP7

FVNR Hand-Off-Auto  
with Pilot Light -  
CA7-9...23 with  
CT7N or CEP7

FVNR Start/Stop  
CA7-37...43 with  
CEP7

FVR  
Forward-Stop-Reverse  
CA7-9...23 with  
CEP7

FVNR or FVR  
KTA7 E-Combo  
CA7-9...23

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