

Reduce panel space Simplify installations Eliminate equipment

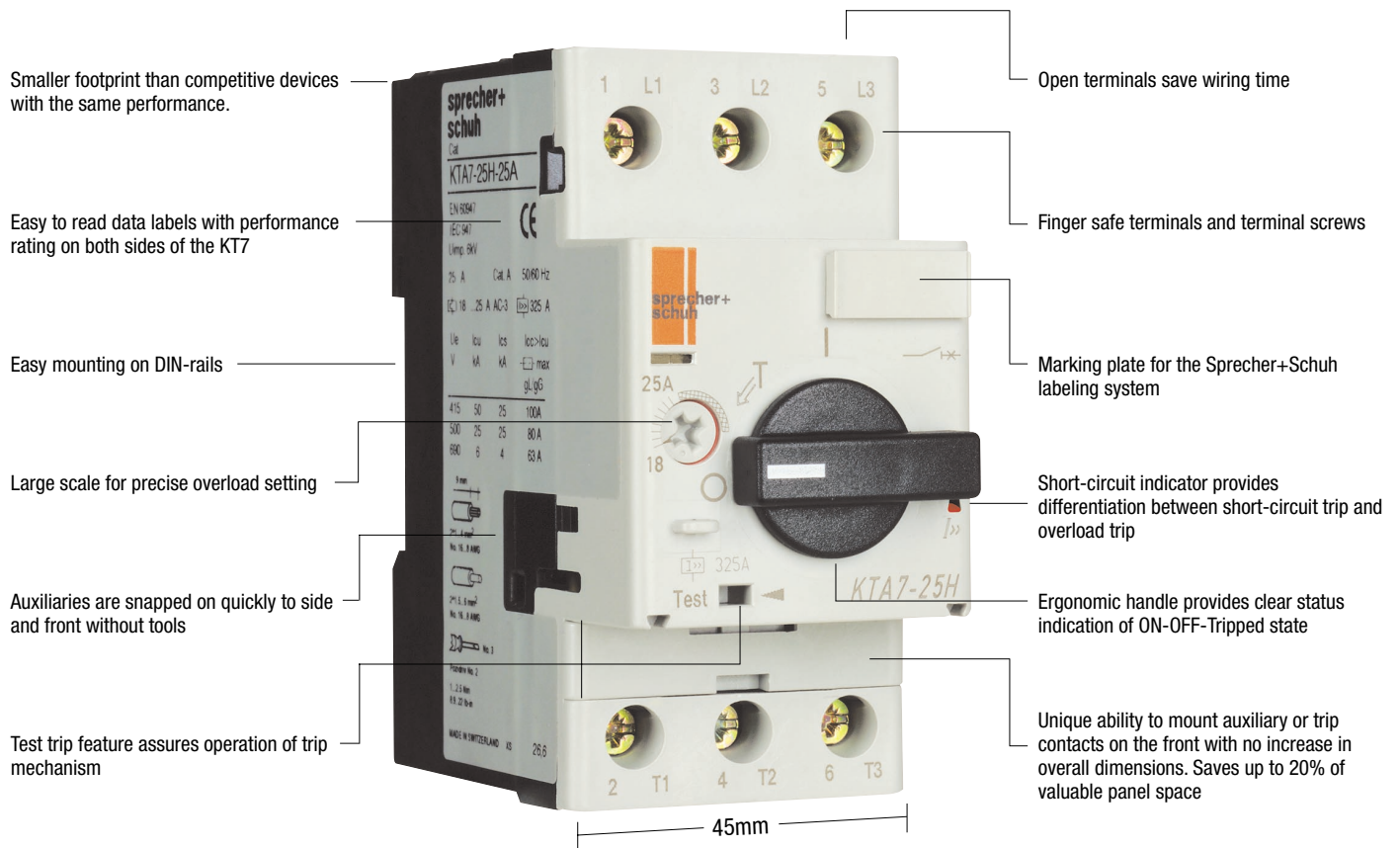
Short circuit protection

Thermal Overload protection

UL "Construction Type E" Rating

Type 1 & Type 2 Coordinated

KT7 Motor Circuit Controller



Sprecher + Schuh KT7 Motor Circuit Controllers are some of the most versatile and technologically advanced control products available today. In one small package, KTAs combine the functions of current limiting short circuit protection, Class 10 thermal overload protection, switching and signaling for motors up to 30HP (@460V). KT7 is UL listed as a "Construction Type E" device, which allows use in a variety of control schemes and applications including:

- Manual Starter Applications
- Traditional Group Motor Applications
- Motor Disconnect Applications
- Self-protected Manual Combination Starter Applications (Type E)
- Individual Combination Starter Applications
- Multi-motor Starter Combination Applications



KT7 Motor Circuit Controller

One device... many uses.



Manual Starter

KT7 Motor Circuit Controllers are an excellent choice for manual starting applications. As UL/CSA listed manual motor controllers, they provide motor overload protection, as well as protection from single phase conditions through the use of a differential tripping mechanism. Manual motor starters are available in a general purpose enclosure, water tight enclosure or Type 7/9 enclosure. Factory and field installed auxiliaries, undervoltage and shunt trip relays are also available.



“At Motor” Disconnect

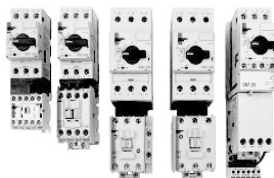
When applied with regard to their maximum current limiting and breaking capacity (KAIC rating), KT7 Controllers are also UL/CSA listed and labeled “Suitable for use as a motor disconnect.” In this application, the KT7 can be used in an enclosure with a lockable handle as a manual motor starter and is an approved means of disconnect.

Motor Disconnect + Short Circuit Protection + Controller + Thermal Overload = Type E Combination Starter



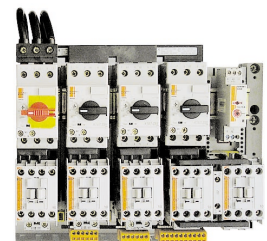
Type E Self-protected Manual Starter

KT7 Controllers are now UL/CSA Listed as self-protected (Construction Type E) manual combination motor controllers. Simply stated, this new Type E listing allows KT7 Manual Combination Motor Controllers to be used as short-circuit protection, overload protection *and* as the motor disconnect on motor branch circuits.



Individual Combo Starter

By combining a KT7 controller with Sprecher + Schuh's CA4 or CA7 contactor, you have an alternative to the traditional combo starter. The KT7 provides overload and short circuit protection, as well as the disconnecting function for the motor. The CA7 contactor allows for remote operation via pushbuttons. We call these “Ecombo” starters and have a full selection up to 15HP @460V. Our CX7 starters are also available in a variety of enclosure types.



Multi-motor Combo Starter

The KT7's Construction Type E rating also eliminates the restrictive and cumbersome rules involved with typical multi-motor (Group Installation) applications. The main fuses or circuit breaker are no longer necessary to meet the requirement of a Group Installation Branch. Contact your Sprecher + Schuh representative for more information on all KT7 money saving applications.