

Series KT7 Enclosed Motor Circuit Controllers

Flexible - Factory Assembled - Ready to Install



Enclosed KTA7 & KTC7 motor controllers can be applied as individual Self-protected Combination Motor Controllers or as an individual Manual Motor Starter dependent on the ratings of the individual unit.

A variety of enclosure types are available to match your application needs; including non-metallic, metallic, and explosion-proof enclosures.

Sprecher + Schuh's KT7 controller provides motor disconnect, current-limiting short-circuit protection, Class 10 overload protection and signaling functions **ALL** in one device.



As a Self-protected Combination Motor Controller (UL508 Construction Type E)

Application compliant as:

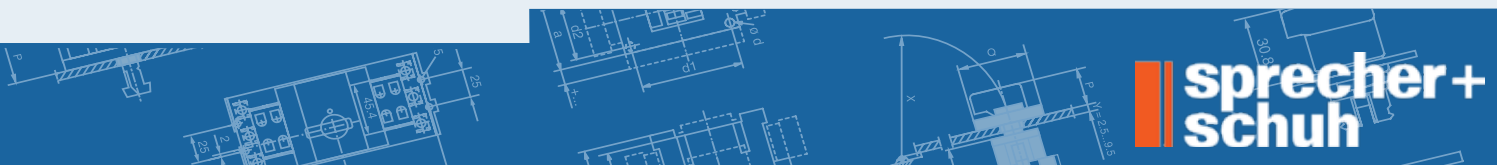
- All the functions of a Manual Combo starter
- A UL approved "Disconnect" means with lockable and defeatable handle mechanism
- Short-circuit protection and overload protection for motor applications

As a UL508A Manual Motor Starters

Application compliant as:

- A manual motor starter including a motor disconnect combined with an overload relay.

Both can be combined with auxiliary contacts, shunt-trip or undervoltage trip units to meet your application requirements.



Series KTA7 Enclosed Controllers

Non-Metallic IP65

- Watertight, dusttight enclosure
- Gray and black IP65 handle
- KT7-25S (Standard Interrupting Capacity) Type E Self-protected Manual Controller with Terminal Adaptor for up to 10 HP @ 480Y/277V
- KTA7...25A to 32A suitable as Manual Motor Starter for 15 to 25 HP @ 480 V



KTA7...-CG

Non-Metallic Type 4/4X/12

- Polycarbonate enclosure suitable for commercial and light industrial applications
- Gray and black Type 4/4X/12; IP66 handle
- KTA7 "Type E" Self-protected Manual Controller with Terminal Adaptor for up to 30 HP @ 480Y/277V
- Also suitable as Manual Motor Starter



KTA7...-VG



KTA7...-FG

Non-Metallic Type 4/4X/12 FG

- Same specifications as the VG model
- Fiberglass reinforced polyester enclosure suitable for commercial and heavy duty industrial environments

Painted Steel Type 12

- Dusttight enclosure
- Gray and black Type 4/4X/12; IP66 handle
- KTA7 "Type E" Self-protected Manual Controller with Terminal Adaptor for up to 25 HP @ 480Y/277V
- Also suitable as Manual Motor Starter to 25 HP @ 480 V



KTA7...-DG

Painted Steel Type 4/12

- Watertight, dusttight
- Gray/black Type 4/4X/12; IP66 handle
- KTA7 "Type E" Self-protected Manual Controller with Terminal Adaptor for up to 30 HP @ 480Y/277V
- Also suitable as Manual Motor Starter



KTA7...-WG

Explosion Proof Type 7/9

- Class I, Group C & D – Class II, Group E, F & G enclosure
- KT7-25S (Standard Interrupting Capacity) Type E Self-protected Manual Controller with Terminal Adaptor for up to 10 HP @ 480Y/277V
- KTA7...25A to 32A suitable as Manual Motor Starter for 15 to 25 HP @ 480 V



KTA7...-EX

Explosion Proof Type 7/9 w/Gasket

- Class I, Group B, C & D – Class II, Group E, F & G enclosure
- KTA7 "Type E" Self-protected Manual Controller with Terminal Adaptor for up to 30 HP @ 480Y/277V
- Also suitable as Manual Motor Starter



KTA7...-EY/EZ

All-In-One Control

Terminal Adapter - standard for all Type E applications

Type E/F Labeling right on the controller

Large scale for precise overload setting

Handle mechanism easily adapts to through-the-door operation

Test trip feature assures operation of trip mechanism



The KT7 motor circuit controllers combine Class 10 thermal overload protection, current-limiting short-circuit protection up to 65kA, and signaling capabilities, all in one self-protected Construction Type E controller, eliminating the need for an additional short-circuit device.

Trip indicator provides differentiation between overload and short-circuit trips

Accessories



Side Mount Auxiliaries

- Provide additional control options
- Mount to right side of KT7
- Available in a wide variety of one and 2-pole auxiliary configurations



Front Mount Auxiliaries

- Provide additional control options
- Mount to front of KT7



Undervoltage & Shunt Trips

- Mount to left side of KT7
- Undervoltage relay automatically trips when voltage drops below 35-70%
- Shunt trip trips motor when voltage is applied remotely

Contact your Sprecher + Schuh representative for more information.

Sprecher + Schuh US Division Headquarters
15910 International Plaza Dr., Houston, TX 77032
Customer Service: (877) 721-5913; Fax: (800) 739-7370

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