

Series KT5 Manual Motor Controllers

sprecher+schuh

Basic Short Circuit and Thermal Protection all in one device

Series KT5 Manual Motor Controllers provide magnetic short circuit and thermal overload protection up to 32 amps. They are tested in combination with Series CA7 and CA8 contactors to create two component motor starters. Some features and benefits include the following

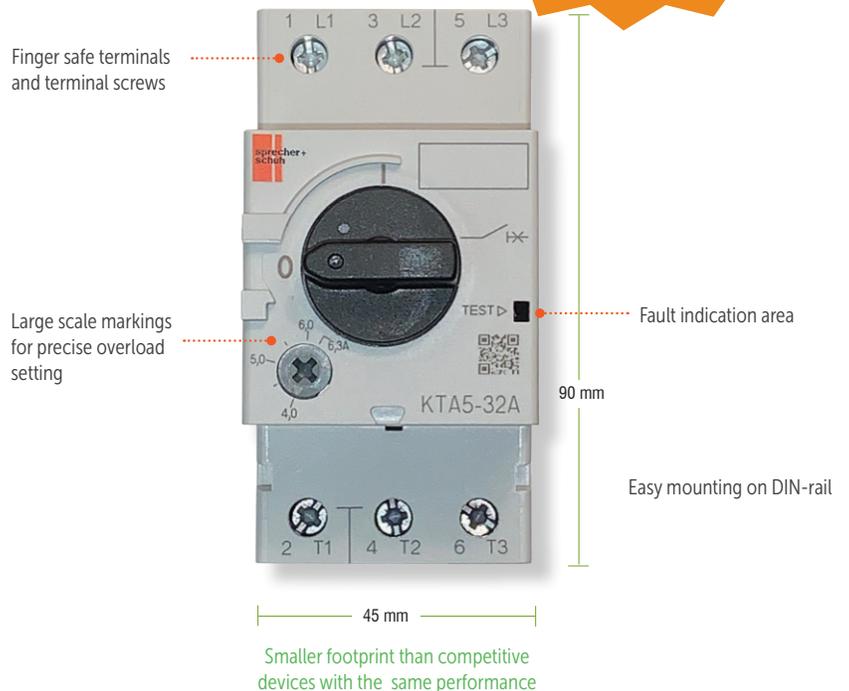
- Overload protection – trip class 10A
- Phase loss sensitivity
- Disconnect function
- Suitable for three- and single-phase applications
- UL group motor and IEC Type 1 and Type 2
- International certifications
- Interrupting rating @ 400V up to 100 kA

Overview

Series KT5 devices are UL listed as Manual Motor Controllers (with optional approvals for Suitable as Motor Disconnect and Suitable for use in Group Installation). Group motor installations eliminate the need for individual branch short circuit protective devices for each motor circuit, reducing panel space, installation & wiring time, and costs. There is only one Branch Circuit Protective Device (BCPD) for the "Group".

These devices meet requirement of Motor Protective Switching Devices (MPSD) as per IEC 60947-4-1 and Circuit Breaker as per IEC 60947-2 standard for application outside of North America.

Magnetic short circuit and thermal overload protection up to 32AMP and tested in combination with Sprecher+Schuh CA7/CA8 Contactors



Modular Design with Universal Accessories

Enclosed Motor Controller

Suitable as

- Motor Disconnect
- Manual Starter
- Manual Controller for Group Installation

Options

- Black Handle
- Red/Yellow Handle



Feeder Terminal Block and Compact Bus Bars

- Supply of compact bus bars
- Increases terminal capacity



Right-side-mounted Trip Signaling Contact

- 2-pole
- Adds 9 mm to the width of the Manual Motor Starter
- Use compact bus bars with 54 mm spacing



Shunt trip and under-voltage trip auxiliary contacts

- Left-side mounted
- Adds 18 mm to the width of the Manual Motor Starter



Door coupling handles

- Up to three padlocks in OFF position
- Defeatable



Proportional Size Enclosure

- Up to three padlocks in OFF position
- Protection Class: IP65; UL/CSA Type 12
- Optional door mounting kit



IP65 Door Mounting Kits

Options

- Black Handle
- Red/Yellow Handle

Max. HP 3-Phase *				Max. Short Circuit Current [kA]		Current Adjustment Range [A]	Magnetic Release Response Current [A]	Catalog Number
200V	230V	460V	575V	400V (Icu)	480V			
~	~	~	~	100	30	0.10...0.16	2	KTAS-32A-0.16A
~	~	~	~	100	30	0.16...0.25	3.1	KTAS-32A-0.25A
~	~	~	0.25	100	30	0.25...0.40	5	KTAS-32A-0.4A
~	~	0.25	0.33	100	30	0.40...0.63	7.9	KTAS-32A-0.63A
~	~	0.5	0.75	100	30	0.63...1.0	12.5	KTAS-32A-1.0A
0.25	0.33	1	1	100	30	1.0...1.6	20	KTAS-32A-1.6A
0.5	0.75	1.5	2	75	30	1.6...2.5	31.3	KTAS-32A-2.5A
1	1	~	~	75	18	2.5...4.0	50	KTAS-32A-4.0A
1.5	2	5	5	50	18	4.0...6.3	78.8	KTAS-32A-6.3A
3	3	7.5	10	50	18	6.3...10	150	KTAS-32A-10A
3	3	7.5	10	50	18	8.0...12	180	KTAS-32A-12A
5	5	10	15	15	18	10...16	240	KTAS-32A-16A
5	7.5	15	20	15	18	16...20	300	KTAS-32A-20A
7.5	7.5	20	20	15	18	20...25	375	KTAS-32A-25A
7.5	10	25	30	15	18	25...32	480	KTAS-32A-32A

* Horsepower ratings shown are for reference. The final selection of the controller depends on the actual motor full load current.

Contact your Sprecher + Schuh representative for more information.
For more information visit sprecher.shuh.com