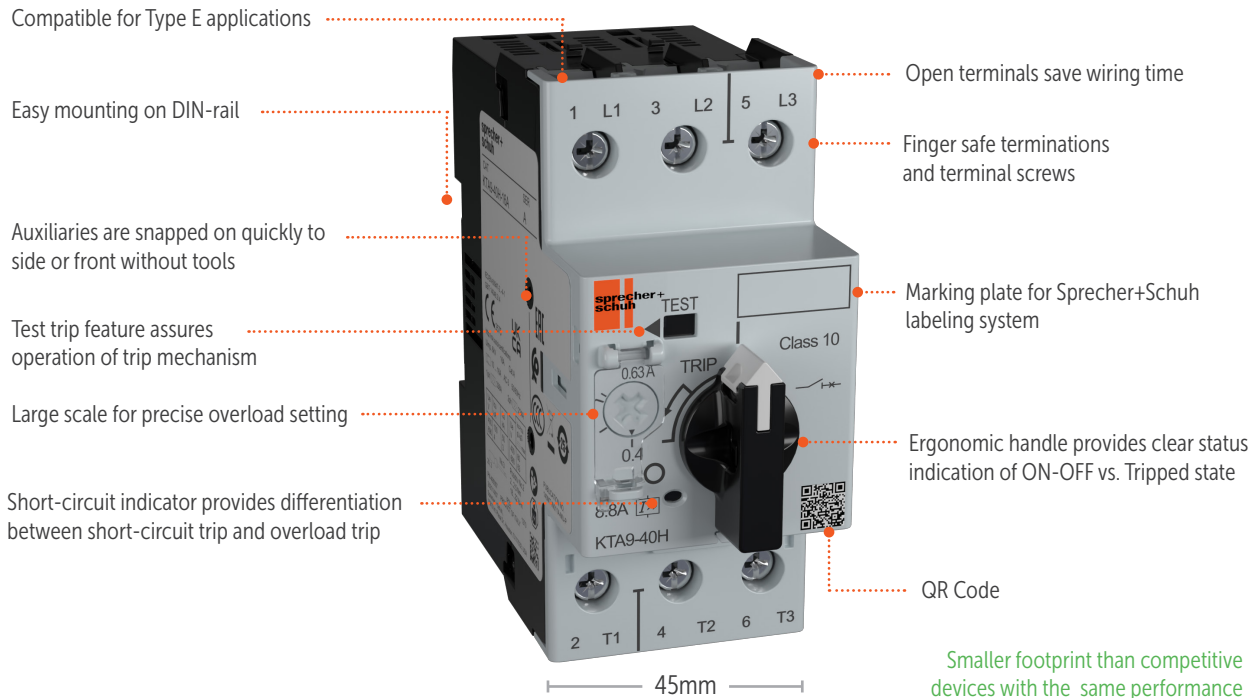


# Series KT9

## Motor Control + Protection



## The most advanced line of motor controllers on the market



### Basic short circuit and thermal protection all in one device

Sprecher + Schuh KT9 Motor Circuit Controller are some of the most versatile and technologically advanced control products available today. In one small package, KT9s combine the functions of current limiting short circuit protection. Class 10 thermal overload protection, switching and signaling for motors up to 30HP (@460V)

KT9 is UL listed as a "Construction Type E" device, which allows use in a variety of control schemes and applications including:

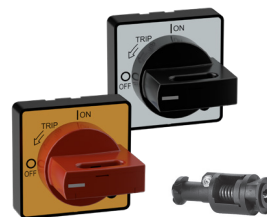
- Manual Starter Applications
- Traditional Group Motor Applications
- Motor Disconnect Applications
- Self-protected Manual Combination Starters (Type E)
- Individual Combination Starter Applications
- Multi-motor Starter Combination Applications

### Modular design with universal accessories



#### Front and Side Mount Auxiliaries

- Provide additional control options
- Mount to right side or front of KT9
- Available in a wide variety of one and 2-pole auxiliary configurations



#### Classic Door Coupling Handle

- For 3 padlocks 4...8 mm (5/16") diameter
- Type 1/3/3R/4/4X/12 and IP66
- Ships with coupling — order extension shaft and legend plate separately



#### Undervoltage & Shunt Trips

- Undervoltage relay automatically trips when voltage drops below 35-70%
- Shunt trip trips motor when voltage is applied remotely

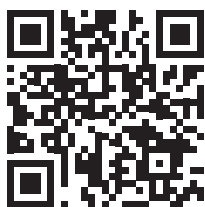
# Series KT9 Motor Control + Protection

	KTA9-32S	KT_9-40H	KT_9-80H
<b>Specifications &amp; Compatibility</b>			
Frame Size	C-Frame	D-Frame	F-Frame
Dimensions (mm)(inches)	45 x 96 x 84 1.77 x 3.77 x 3.30	45 x 96 x 94 1.77 x 3.77 x 3.70	55 x 136 x 143 2.16 x 5.35 x 5.6
Max. Current [Ie]	32 A	40 A	45 A
Current Range [A]	0.1...32	0.4...40	9...45
Short Circuit Protection	✓	✓	✓
SCCR @ 480V (kA)	30-65	30-50-65	65
SCCR @ 400V (kA)	15-65-100	50-65-100	65-100
Standard magnetic trip	✓	KTA9-40H	KTA9-80H
High magnetic trip	✗	KTC9-40H	KTC9-80C
Magnet-only trip (MCP)	✗	KTB9-40H	KTB9-80H
Overload Protection	✓	✓	✓
Overload Trip Class	10	10	10
Phase Loss Sensitivity	✓	✓	✓
Compatible at output of VFD	✗	✓	✓ <sup>③</sup>
Short Circuit Indication	✓	✓	✓
Lockable knob	Optional	✓	✓
<b>UL 60947-4-1 Application Ratings</b>			
Motor Disc. Rated	✓	✓	✓
Group Motor Rated	✓	✓	✓
Tap Conduct. Prot.	✓	✓	✓
Man/Self Protected (Type E)	✓	✓	✓
UL Type F Ratings	CA7, CA8	CA7, CA8	CA7
<b>Standards Compliance and Certifications</b>			
cULus Listing <sup>②</sup>	✓	✓	✓
IEC/EN 60947-2	✓	✓	✓
IEC/EN 60947-4-1	✓	✓	✓
CE	✓	✓	✓
ATEX	✓	✓ <sup>①</sup>	✗
IECEx	✓	✓ <sup>①</sup>	✗
EAC	✓	✓	✓
CCC	✓	✓	✓
KC	✗	✗	✗
CB Scheme	✓	✓	✓

① See technical documents for more details.

② UL 60947-4-1, CSA C22.2, No. 60947-4-1.

③ Pending



*For more information, contact your  
Sprecher + Schuh Authorized Distributor*

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KTA9-32S



KT\_9-40H



KT\_9-80H

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