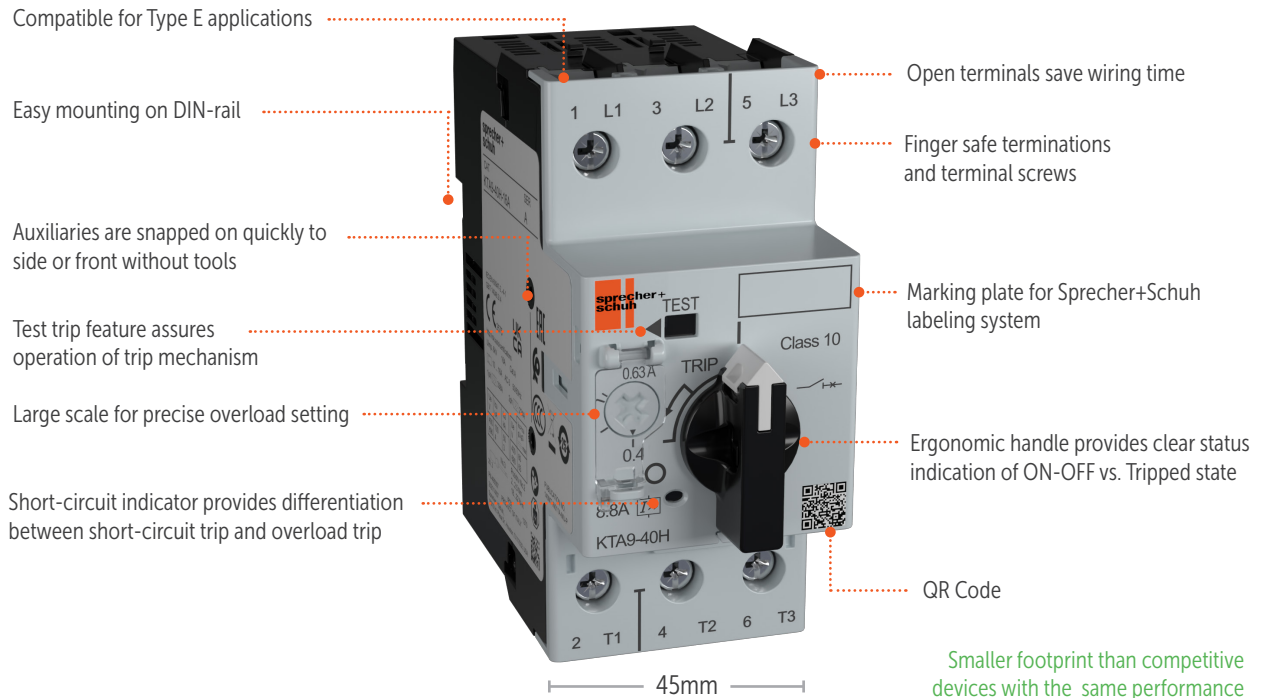


Series KT9

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

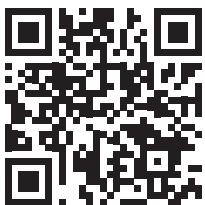
Series KT9 Motor Control + Protection

| | KTA9-32S | KT_9-40H | KT_9-80H |
|--|------------------------------------|------------------------------------|-------------------------------------|
| Specifications & Compatibility | | | |
| 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 | ✗ | ✓ | ✓ ^③ |
| Short Circuit Indication | ✓ | ✓ | ✓ |
| Lockable knob | Optional | ✓ | ✓ |
| UL 60947-4-1 Application Ratings | | | |
| Motor Disc. Rated | ✓ | ✓ | ✓ |
| Group Motor Rated | ✓ | ✓ | ✓ |
| Tap Conduct. Prot. | ✓ | ✓ | ✓ |
| Man/Self Protected (Type E) | ✓ | ✓ | ✓ |
| UL Type F Ratings | CA7, CA8 | CA7, CA8 | CA7 |
| Standards Compliance and Certifications | | | |
| cULus Listing ^② | ✓ | ✓ | ✓ |
| IEC/EN 60947-2 | ✓ | ✓ | ✓ |
| IEC/EN 60947-4-1 | ✓ | ✓ | ✓ |
| CE | ✓ | ✓ | ✓ |
| ATEX | ✓ | ✓ ^① | ✗ |
| IECEX | ✓ | ✓ ^① | ✗ |
| 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
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KTA9-32S



KT_9-40H



KT_9-80H