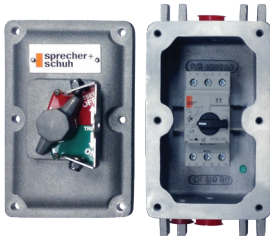


KTA9 Explosion Proof Motor Controllers - NEMA Type 7/9

Amp / Horsepower Rating							
Max. Horsepower ①②				O/L Relay Ampere Range	Magnetic Res. Current	Catalog Number	Dim Code
Three Phase							
200V	230V	460V	575V				
KTA9-32S Standard Interrupting Capacity							
~	~	~	~	0.10...0.16	2.2	KTA9-32S-0.16A-EX	EX
~	~	~	~	0.16...0.25	3.5	KTA9-32S-0.25A-EX	EX
~	~	~	~	0.25...0.40	5.6	KTA9-32S-0.40A-EX	EX
~	~	~	~	0.40...0.63	8.8	KTA9-32S-0.63A-EX	EX
~	~	1/2	1/2	0.63...1.0	14	KTA9-32S-1.0A-EX	EX
~	~	3/4	~	1.0...1.6	22	KTA9-32S-1.6A-EX	EX
1/2	1/2	1	1-1/2	1.6...2.5	35	KTA9-32S-2.5A-EX	EX
3/4	3/4	2	3	2.5...4.0	52	KTA9-32S-4.0A-EX	EX
1	1-1/2	3	5 ☉	4.0...6.3	88	KTA9-32S-6.3A-EX ☉	EX
2	2	5	7-1/2 ☉	6.3...10	140	KTA9-32S-10A-EX ☉	EX
3	5	10	10 ☉	10...16	224	KTA9-32S-16A-EX ☉	EX
5 ☉	5 ☉	10 ☉	15 ☉	14.5...20	280	KTA9-32S-20A-EX ☉	EX
5 ☉	7-1/2 ☉	15 ☉	20 ☉	18...25	330	KTA9-32S-25A-EX ☉	EX
7-1/2 ☉	10 ☉	20 ☉	25 ☉	24...29	406	KTA9-32S-29A-EX ☉	EX
7-1/2 ☉	10 ☉	20 ☉	30 ☉	27...32	448	KTA9-32S-32A-EX ☉	EX

Includes:

- Class I, Div 1, 2, Group C, D
Class II, Div 1, 2, Group E, F & G enclosure
Class III
NEMA Type 7/9
- KTA9 "Type E" Self-protected Combination Manual Motor Controller ③
- Terminal Adaptor for Type E Applications (Cat.# KT9-40-TE)

Modifications (Factory Assembled)

Description	Add Suffix to Cat. Number
KT9 Auxiliaries & Trip Contacts, Front Mount 250V max. 1 NO Auxiliary 1 NC Auxiliary 1 NO + 1 NC Auxiliary 2 NO Auxiliaries 1 NO SC+OL + 1 NC 1 NO SC+OL + 1 NO	-B -A -C -D -R -S
Side Mount 600V max. 2 NC Auxiliaries 2 NO Auxiliaries 1 NO + 1 NC Auxiliary	-AS02 -AS20 -AS11
Additional KT9 Trip Contacts Side Mounts 600V max. 1 NO SC+OL+1 NO SC 1 NO SC+OL+1 NC SC 1 NC SC+OL+1 NO SC	-R00 -R01 -R10
Enclosure Modifications Breather/Drain	-BD

① Horsepower ratings shown in the table above are for reference. The final selection of the controller depends on the actual motor full load current and service factor.

- For motor with service factor less than 1.15. Use motor nameplate full load current times 0.9 and choose the motor starter with the appropriate current range. Example: Motor FLC = 4.2A; S.F. = 1.0. $4.2A \times 0.9 = 3.78A$. Select catalog number KTA9-32S-0.40A.

- ② KTA9 may be applied to single phase loads if 3 poles of device are wired in series. See footnote 1 for device selection criteria.
- ③ Catalog numbers with specific voltages (i.e. @ 575V) shaded in gray are suitable for use as a manual motor starter only because they are not Type E rated. See page F5 for ratings.
- ④ -UA* and -AA* options not possible in the -EX Enclosure.