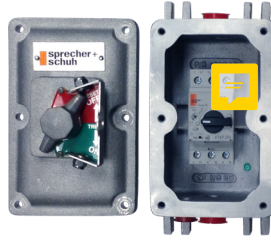


KTA7 Explosion Proof Motor Controllers - NEMA Type 779

Amp / Horsepower Rating						O/L Relay Ampere Range		Magnetic Res. Current	Catalog Number	Price	Dimension Code
Max. Horsepower ①②③						Single Phase	Three Phase				
115V	230V	200V	230V	460V	575V		115V	230V	460V	575V	
KTA7-25S Standard Interrupting Capacity											
~	~	~	~	~	~	0.10...0.16	2.1	KTA7-25S-0.16A-EX	1,005.65	EX	
~	~	~	~	~	~	0.16...0.25	3.3	KTA7-25S-0.25A-EX	1,005.65	EX	
~	~	~	~	~	1/4	0.25...0.40	5.2	KTA7-25S-0.4A-EX	1,005.65	EX	
~	~	~	~	1/4	1/3	0.40...0.63	8.2	KTA7-25S-0.63A-EX	1,047.55	EX	
~	~	~	~	1/2	3/4	0.63...1.0	13	KTA7-25S-1A-EX	1,047.55	EX	
~	1/10	1/4	1/3	1	1	1.0...1.6	21	KTA7-25S-1.6A-EX	1,047.55	EX	
1/10	1/6	1/2	3/4	1-1/2	2	1.6...2.5	33	KTA7-25S-2.5A-EX	1,047.55	EX	
1/8	1/3	1	1	3	3	2.5...4	52	KTA7-25S-4A-EX	1,047.55	EX	
1/4	3/4	1-1/2	2	5	5	4...6.3	82	KTA7-25S-6.3A-EX	1,047.55	EX	
1/2	1-1/2	3	3	7-1/2	10	6.3...10	130	KTA7-25S-10A-EX	1,047.55	EX	
1	3	5	5	10	15	10...16	208	KTA7-25S-16A-EX	1,090.47	EX	
1-1/2	3	5	7-1/2	15	20	14.5...20	260	KTA7-25S-20A-EX	1,090.47	EX	
2	3	7-1/2	7-1/2	20	20	18...25	325	KTA7-25S-25A-EX	1,090.47	EX	
2	5	7-1/2	10	20	25	24...29	406	KTA7-32S-29A-EX	1,193.70	EX	
3	5	7-1/2	10	25	30	27...32	448	KTA7-32S-32A-EX	1193.70	EX	



Includes:

- Class I, Div 1, 2, Group C, D
Class II, Div 1, 2, Group E, F & G enclosure
Class III
NEMA Type 779
- KTA7-25S/32S (Standard interrupting capacity) "Type E" Self-protected Combination Manual Motor Controller ④
- Terminal Adaptor for Type E Applications (Cat.# KT7-25-TE1)

Modifications (Factory Assembled) ⑤

KT7 Auxiliaries & Trip Contacts	Add Suffix to Cat. Number	Price Adder
Front Mount 300V max.		
1 NO Auxiliary	-A10	63.36
1 NC Auxiliary	-A01	63.36
1 NO + 1 NC Auxiliary	-A11	70.52
2 NO Auxiliaries	-A20	70.52
1 NO SC+OL + 1 NC Auxiliary	-T10A01	87.89
1 NO SC+OL + 1 NO Auxiliary	-T10A10	87.89
Side Mount 600V max.		
1 NO + 1 NC Auxiliary	-AS11	80.74
2 NO Auxiliaries	-AS20	80.74
1 NC SC+OL + 1 NO Auxiliary	-R10	96.07
1 NC SC+OL + 1 NC Auxiliary	-R11	96.07
Enclosure Modifications		
Breather/Drain	-BD	154.32

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 x 0.9 = 3.78A. Select catalog number KTA7-25S-4A.

② Magnetic trip is fixed at 13x the maximum value of the current adjustment range. Refer to page F5 for applied KAIC ratings.

③ KTA7 may be applied to single phase loads if 3 poles of device are wired in series. See footnote 1 for device selection criteria.

④ 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.

⑤ -UA* and -AA* options not possible in the -EX Enclosure.