

#### KTA7 Base Unit

Maximum Horsepower						Current Adjustment Range [A]	Magnetic Release Response Current [A]	Catalog Number	Price
Typical Single Phase		Typical Three Phase [HP]							
115V	230V	200V	230V	460V	575V				
<b>KTA7-25...32S — Standard Interrupting Capacity</b>									
~	~	~	~	~	~	0.10...0.16	2.1	KTA7-25S-0.16A	218
~	~	~	~	~	~	0.16...0.25	3.3	KTA7-25S-0.25A	218
~	~	~	~	~	~	0.25...0.40	5.2	KTA7-25S-0.4A	218
~	~	~	~	~	~	0.40...0.63	8.2	KTA7-25S-0.63A	249
~	~	~	~	~	1/2	0.63...1.0	13	KTA7-25S-1.0A	249
~	1/10	~	~	1/2	3/4	1.0...1.6	21	KTA7-25S-1.6A	249
1/10	1/6	1/2	1/2	1	1-1/2	1.6...2.5	33	KTA7-25S-2.5A	249
1/8	1/3	3/4	3/4	2	3	2.5...4	52	KTA7-25S-4.0A	249
1/4	1/2	1	1-1/2	3	5	4...6.3	82	KTA7-25S-6.3A	249
1/2	1-1/2	2	3	5	7-1/2	6.3...10	130	KTA7-25S-10A	249
1	2	3	5	10	10	10...16	208	KTA7-25S-16A	284
1-1/2	3	5	5	10	15	14.5...20	260	KTA7-25S-20A	284
2	3	7-1/2	7-1/2	15	20	18...25	325	KTA7-25S-25A	284
2	5	7-1/2	10	20	25	24...29	406	KTA7-32S-29A	394
2	5	7-1/2	10	25	30	27...32	448	KTA7-32S-32A	394
<b>KTA7-25...32H — High Interrupting Capacity</b>									
1/10	1/6	1/2	1/2	1	1-1/2	1.6...2.5	33	KTA7-25H-2.5A	312
1/8	1/3	3/4	3/4	2	3	2.5...4	52	KTA7-25H-4.0A	312
1/4	1/2	1	1-1/2	3	5	4...6.3	82	KTA7-25H-6.3A	312
1/2	1-1/2	2	3	5	7-1/2	6.3...10	130	KTA7-25H-10A	312
1	2	3	5	10	10	10...16	208	KTA7-25H-16A	355
1-1/2	3	5	5	10	15	14.5...20	260	KTA7-25H-20A	355
2	3	7-1/2	7-1/2	15	20	18...25	325	KTA7-25H-25A	355
2	5	7-1/2	10	20	25	24...29	406	KTA7-32H-29A	497
2	5	7-1/2	10	25	30	27...32	448	KTA7-32H-32A	497
<b>KTA7-45H — High Interrupting Capacity</b>									
1/2	1-1/2	2	3	5	7-1/2	6.3...10	130	KTA7-45H-10A	510
1	2	3	5	10	10	10...16	208	KTA7-45H-16A	510
1-1/2	3	5	5	10	15	14.5...20	260	KTA7-45H-20A	510
2	3	7-1/2	7-1/2	15	20	18...25	325	KTA7-45H-25A	510
2	5	7-1/2	10	20	30	23...32	416	KTA7-45H-32A	573
3	7-1/2	10	15	30	40	32...45	585	KTA7-45H-45A	573
<b>KTA3-100 — High Interrupting Capacity</b>									
2	3	5	7-1/2	15	20	16...25	350	KTA3-100-25A	800
3	7-1/2	10	10	30	30	25...40	560	KTA3-100-40A	900
5	10	20	20	40	60	40...63	882	KTA3-100-63A	900
7-1/2	20	25	30	60	75	63...90	1260	KTA3-100-90A	1000



Catalog Number KTA7-25S



Catalog Number KTA7-25H



Catalog Number KTA7-45H

Horsepower ratings shown in the table are for reference only.  
**The final selection of the manual starter 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 F.L.C. = 4.2A; S.F. = 1.0. – 4.2A x 0.9 = 3.78A.  
 Select Catalog Number KTA7-25S-4.0A.

**KTA7 UL Ratings Application Chart**

Device	Manual Motor Starter		Manual Controller for Group Installation ❶			Manual Controller as Motor Disconnect ❷❸		Suitable for Tap Conductor Protection		Self-Protected Type E Manual Combination Controller ❹❺	
	Max. Short Circuit Current [kA]		Max. Fuse or Circuit Breaker	Max. Short Circuit Current [kA]		Max. Short Circuit Current [kA]		Max. Short Circuit Current [kA]		Max. Short Circuit Current [kA]	
	480V	600V		480V	600V	480V	600V	480Y/277V	600Y/347V	480Y/277V	600Y/347V
<b>KTA7-25...32S — Standard Interrupting Capacity</b>											
KTA7-25S-0.16A	65	47	450	65	47	65	47	65	47	65	47
KTA7-25S-0.25A	65	47	450	65	47	65	47	65	47	65	47
KTA7-25S-0.4A	65	47	450	65	47	65	47	65	47	65	47
KTA7-25S-0.63A	65	47	450	65	47	65	47	65	47	65	47
KTA7-25S-1.0A	65	47	450	65	47	65	47	65	47	65	47
KTA7-25S-1.6A	65	47	450	65	47	65	47	65	47	65	47
KTA7-25S-2.5A	65	30	450	65	30	65	30	65	30	65	30
KTA7-25S-4.0A	65	25	450	65	25	65	25	65	25	65	25
KTA7-25S-6.3A	65	30	450	65	30	65	30	65	~	65	~
KTA7-25S-10A	65	30	450	65	30	65	30	65	~	65	~
KTA7-25S-16A	30	30	450	30	30	30	30	30	~	30	~
KTA7-25S-20A	30	30	450	30	30	10	10	10	~	10	~
KTA7-25S-25A	25	10	450	25	10	10	5	~	~	~	~
KTA7-32S-29A	25	5	450	25	5	10	~	~	~	~	~
KTA7-32S-32A	25	5	450	25	5	10	~	~	~	~	~
<b>KTA7-25...32H — High Interrupting Capacity</b>											
KTA7-25H-2.5A	65	30	450	65	30	65	30	65	30	65	30
KTA7-25H-4.0A	65	30	450	65	30	65	30	65	30	65	30
KTA7-25H-6.3A	65	30	450	65	30	65	30	65	30	65	30
KTA7-25H-10A	65	30	450	65	30	65	30	65	30	65	30
KTA7-25H-16A	65	30	450	65	30	65	30	65	30	65	30
KTA7-25H-20A	65	30	450	65	30	65	30	65	~	65	~
KTA7-25H-25A	30	30	450	30	30	30	30	30	~	30	~
KTA7-32H-29A	30	30	450	30	30	30	18	~	~	~	~
KTA7-32H-32A	30	30	450	30	30	30	18	~	~	~	~
<b>KTA7-45H — High Interrupting Capacity</b>											
KTA7-45H-10A	65	30	600	65	30	65	30	65	30	65	30
KTA7-45H-16A	65	30	600	65	30	65	30	65	30	65	30
KTA7-45H-20A	65	30	600	65	30	65	30	65	30	65	30
KTA7-45H-25A	65	30	600	65	30	65	30	65	30	65	30
KTA7-45H-32A	65	30	600	65	30	65	30	65	30	65	30
KTA7-45H-45A	65	18	600	65	18	65	18	65	~	65	~
<b>KTA3-100 — High Interrupting Capacity</b>											
KTA3-100-25A	30	15	1000	30	15	~	~	~	~	~	~
KTA3-100-40A	20	10	1000	20	10	~	~	~	~	~	~
KTA3-100-63A	10	5	1000	10	5	~	~	~	~	~	~
KTA3-100-90A	10	5	1000	10	5	~	~	~	~	~	~

- ❶ UL 508, CSA 22.2 No. 14 for group installation, in connection with short-circuit protection device.
- ❷ UL 508 Part III.
- ❸ UL 508 Part IV.
- ❹ Type E applications require use of the KT7-xx-TE terminal adaptor on KT7s.
- ❺ Requires lockable twist knob (KT7-KN1 or KT7-KRY1) or lockable door coupling handle (KT7-HTN or KT7-HTRY). See page F16.

It should be noted that the KT7 Manual Motor Circuit Controller, when listed as a self-protected (Type E) device, is rated for Wye-connected power systems for voltages above 240 volts (i.e. 480Y/277 volts common in the United States or 600Y/347 volts common in Canada).