

KTC9 Base Unit

Maximum Horsepower				Current Adjustment Range [A]	Magnetic Release Response Current [A]	Catalog Number
Typical Three Phase [HP]						
200V	230V	460V	575V			
KTC9-40H – High Interrupting Capacity						
~	~	~	~	0.10...0.16	3.2	KTC9-40H-0.16A
~	~	~	~	0.16...0.25	5.5	KTC9-40H-0.25A
~	~	~	~	0.25...0.40	8.8	KTC9-40H-0.4A
~	~	~	~	0.40...0.63	14	KTC9-40H-0.63A
~	~	1/2	1/2	0.63...1.0	22	KTC9-40H-1.0A
~	~	3/4	~	1.0...1.6	35	KTC9-40H-1.6A
1/2	1/2	1	1-1/2	1.6...2.5	55	KTC9-40H-2.5A
3/4	3/4	2	3	2.5...4	88	KTC9-40H-4.0A
1	1-1/2	3	5	4...6.3	139	KTC9-40H-6.3A
2	2	5	7-1/2	6.3...10	220	KTC9-40H-10A
3	5	10	10	10...16	320	KTC9-40H-16A
5	5	10	15	14.5...2	400	KTC9-40H-20A
5	7-1/2	15	20	18...25	450	KTC9-40H-25A
KTC7-45H — High Interrupting Capacity						
7-1/2	7-1/2	15	20	18...25	416	KTC7-45H-25A
7-1/2	10	20	30	23...32	585	KTC7-45H-32A



KTC9-40H

Description

The KTC9 has a fixed magnetic trip set at 18...22x the maximum value of the current adjustment range (as opposed to the KTA9s magnetic trip of approximately 14x adjustment range.) KTC9 are typically used in applications where nuisance tripping might occur, as with some high efficiency motors.

F KTC9 Motor Circuit Controllers

Horsepower ratings shown in the table are for reference only. 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 F.L.C. = 4.2A; S.F. = 1.0. – 4.2A x 0.9 = 3.78A. Select Catalog Number KTC9-40H-4.0A.