

**Enclosed KTA9 - IP65**

Amp / Horsepower Rating				Non-metallic (IP65) Enclosure		Catalog Number ④	Dimension Code
Max. Horsepower ①②③				O/L Relay Ampere Range	Magnetic Res. Current		
Three Phase							
200V	230V	460V	575V				
~	~	~	~	0.10...0.16	2.2	<b>KTA9-32S-0.16A-CG</b>	AY
~	~	~	~	0.16...0.25	3.5	<b>KTA9-32S-0.25A-CG</b>	AY
~	~	~	~	0.25...0.40	5.6	<b>KTA9-32S-0.4A-CG</b>	AY
~	~	~	~	0.40...0.63	8.8	<b>KTA9-32S-0.63A-CG</b>	AY
~	~	1/2	1/2	0.63...1.0	14	<b>KTA9-32S-1.0A-CG</b>	AY
~	~	3/4	~	1.0...1.6	22	<b>KTA9-32S-1.6A-CG</b>	AY
1/2	1/2	1	1-1/2	1.6...2.5	35	<b>KTA9-32S-2.5A-CG</b>	AY
3/4	3/4	2	3	2.5...4.0	52	<b>KTA9-32S-4.0A-CG</b>	AY
1	1-1/2	3	5 ④	4.0...6.3	88	<b>KTA9-32S-6.3A-CG</b>	AY
2	2	5	7-1/2 ④	6.3...10	140	<b>KTA9-32S-10A-CG</b>	AY
3	5	10	10 ④	10...16	224	<b>KTA9-32S-16A-CG</b>	AY
5 ④	5 ④	10 ④	15 ④	14.5...20	280	<b>KTA9-32S-20A-CG</b>	AY
5 ④	7-1/2 ④	15 ④	20 ④	18...25	330	<b>KTA9-32S-25A-CG</b>	AY
7-1/2 ④	10 ④	20 ④	25 ④	24...29	406	<b>KTA9-32S-29A-CG</b>	AY
7-1/2 ④	10 ④	20 ④	30 ④	27...32	448	<b>KTA9-32S-32A-CG</b>	AY



*Includes:*

- Non-metallic (IP65) enclosure with integrated IP65 operator – watertight, dusttight
- KTA9-32S (Standard Interrupting Capacity) “Type E” Self-protected Combination Manual Controller ⑤
- Terminal Adaptor for Type E Applications (Cat.# KT9-40-TE)
- Gray and black IP65 handle ④⑤

**Enclosure Only**

Description	Catalog Number
Gray/Black handle	<b>KT9-ENN</b>
Red/Yellow handle	<b>KT9-ENRY</b>

**Modifications (Factory Assembled)**

Description	Add Suffix to Cat. Number
<b>KT9 Auxiliaries &amp; Trip Contacts, Front Mount 250V max.</b>	
1 NO Auxiliary	-B
1 NC Auxiliary	-A
1 NO + 1 NC Auxiliary	-C
2 NO Auxiliaries	-D
1 NO SC+OL + 1 NC Auxiliary	-R
1 NO SC+OL + 1 NO Auxiliary	-S
<b>Side Mount 600V max.</b>	
2 NC Auxiliaries	-AS02
2 NO Auxiliaries	-AS20
1 NO + 1 NC Auxiliary	-AS11
<b>Additional KT9 Trip Contacts, Side Mount 600V max.</b>	
1 NO SC+OL+1 NO SC	-R00
1 NO SC+OL+1 NC SC	-R01
1 NC SC+OL+1 NO SC	-R10
<b>Accessories</b>	
Undervoltage Release Module	-UA-*
Shunt Release Module	-AA-*

- 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 KTA9-32S-4.0A.
- ② Magnetic trip is fixed at 14x the maximum value of the current adjustment range. Refer to page F5 for applied KAIC ratings.
- ③ KTA9 may be applied to single phase loads if 3 poles of device are wired in series. See footnote 1 for device selection criteria.
- ④ A red and yellow handle may be selected instead of the standard gray and black handle. Change “CG” suffix to “CJ”. Ex: Change KTA9-32S-0.16A-CG to KTA9-32S-0.16A-CJ.
- ⑤ Handles are built-in to the enclosure and are not available as components.
- ⑥ 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.

**-UA..-AA Coil Codes (\*)**

AC Coil Code	Voltage Range	
	50 Hz	60 Hz
<b>24V</b>	21V	24V
<b>28V</b>	24V	28V
<b>120V</b>	<b>105V</b>	<b>120V</b>
<b>127V</b>	110V	127V
<b>230V</b>	220...230V	~
<b>240V</b>	~	240...260V
<b>277V</b>	240V	277V
<b>460V</b>	380...400V	400...460V
<b>480V</b>	415V	480V
<b>600V</b>	550V	600V

F Enclosed Motor Circuit Controllers