



General information

Catalog number explanation

3 Starter size **A110 SR F 1 - 84 C 6 D 4 L A**

Starter type

- S - Non-reversing
- SR - Reversing
- SS - Single phase, non-reversing
- ST - Multi-speed, 2 speed 1 winding, 2 speed 2 winding
- SA - Autotransformer
- SG - Wye-delta open transition
- SY - Wye-delta closed transition
- SH - Part winding

Combination type

- N - Non-fusible disconnect
- F - Fusible disconnect
- B - Thermal magnetic or electronic trip type circuit breaker
- M - Motor Circuit Protection (MCP)

Enclosure

- 1 - UL Type 1
 - 2 - UL Type 12
 - 3 - UL Type 3R
 - 4 - UL Type 4
 - X - UL Type 4X stainless steel
 - P - Plastic
- 7 - UL Type 7 & 9
Class I, Group C, D, Div 1 & 2
- Class II, Groups E, F & G, Div 1 & 2
Class III
- 74 - Hazardous Type 4

Coil voltage/CCT

Coil voltage selection – A9 - A300 ①

Hz	Cntr type	Volts															
		12	24	48	110	120	125	208	220	240	277	380	415	440	480	500	600
60	A		81	83	84	84		34	36	80	42		86	86	51	53	55
50	A		81	83	84				80				85	86			55

For other voltages, see page 1.26.

Coil voltage selection – A400 - A750

Hz	Cntr type	Volts			
		24 - 60	48 - 130	100 - 250	250 - 500
60	AF	68	69	70	71
50	AF	68	69	70	71
DC	AF	68	69	70	71

Control transformer voltage selection chart

Hz	Type	Volts			
		208/120	230 – 240/120	460 – 480/120	575 – 600/120
50/60	A/AF	0	7	8	9

For other voltages, consult factory.

Overload range

See Overload Relay Selection chart, see page 3.6.

Accessories

See Factory modifications, page 3.3.

Horsepower

- A - 10
- B - 15
- C - 20
- D - 25
- E - 30
- F - 40
- G - 50
- H - 60
- J - 75
- K - 100
- L - 125
- M - 150
- N - 200
- P - 250
- R - 300
- S - 350
- T - 400
- U - 500
- V - 600
- W - 700
- X - 800
- Y - 900
- Z - 1000

Line voltage

- 1 - 200 – 208V
- 2 - 230 – 240V
- 3 - 380 – 415V
- 4 - 460 – 480V
- 6 - 575 – 600V

Fuse clip

- 6A- 30A, 600V, Class J
- 6B- 60A, 600V, Class J
- 6C- 100A, 600V, Class J
- 6D- 200A, 600V, Class J
- 6E- 400A, 600V, Class J
- 6F- 600A, 600V, Class J
- 6G- 800A, 600V, Class L
- 6H- 1200A, 600V, Class L

Circuit breaker amp rating (600V)

- 6D-15
- 6E-20
- 6F-25
- 6G-30
- 6H-35
- 6J-40
- 6K-50
- 6L-60
- 6M-70
- 6N-80
- 6P-90
- 6R-100
- 6S-125
- 6T-150
- 6U-175
- 6V-200
- 6W-225
- 6X-250
- 6Y-300
- 6Z-350
- 6A-400
- 6B-450
- 6C-500
- 6D-600
- 6E-700
- 6F-800
- 6G-900
- 6H-1000
- 6J-1200

Circuit breaker amp rating (200V – 480V)

- 4D-15
- 4E-20
- 4F-25
- 4G-30
- 4H-35
- 4J-40
- 4K-50
- 4L-60
- 4M-70
- 4N-80
- 4P-90
- 4R-100
- 4S-125
- 4T-150
- 4U-175
- 4V-200
- 4W-225
- 4X-250
- 4Y-300
- 4Z-350
- 4A-400
- 4B-450
- 4C-500
- 4D-600
- 4E-700
- 4F-800
- 4G-900
- 4H-1000
- 4J-1200

MCP amp rating (600V)

- 6A - 3
- 6B - 5
- 6C - 10
- 6D - 25
- 6E - 50
- 6F - 100
- 6G - 150
- 6H - 250
- 6J - 400
- 6K - 600
- 6L - 800
- 6M - 1000
- 6N-1200

MCP amp rating (200V – 480V)

- 4A - 3
- 4B - 5
- 4C - 10
- 4D - 25
- 4E - 50
- 4F - 100
- 4G - 150
- 4H - 250
- 4J - 400
- 4K - 600
- 4L - 800
- 4M - 1000
- 4N - 1200

① For AF50 - AF300 starters, consult factory.