



# General information

## Catalog number explanation

### A110 SR F 1 - 84 C 6 D 4 L A

3 Starter size

**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
- N - NEMA

**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 ②
50	AF	68	69	70	71 ②
DC	AF	68	69	70	71 ②

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

**Circuit breaker amp rating (200V - 480V)**

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

**MCP amp rating (600V)**

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

**MCP amp rating (200V - 480V)**

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

① For AF50 - AF300 starters, consult factory.

② For AF400 - AF750 only.