



General information

Catalog number explanation

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

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

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.