

Starters — Non-reversing and Reversing

Contents

<i>Description</i>	<i>Page</i>
Product Family Overview	
Product Description	A-108
Benefits	A-108
Starters — Non-reversing and Reversing	
Product Description	A-110
Features	A-110
Technical Data	A-110
Options	A-110
Product Selection	A-111
Technical Data	A-114
Accessories and Field Modification Kits	A-119
Renewal Parts	A-121
Control Modules	A-122
Dimensions	A-124
Wiring Diagrams	A-131

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Features

Starter

- Small physical size
- Brownout protection
- Communications capability
- Minimized bounce times
- Higher contact force
- Common auxiliary contacts

Motor Protection

- Heaters not required — selectable settings
- Overload protection — accuracy 2%
- Phase loss and phase unbalance protection
- Ground current protection

OL Protection Settings

- Selectable automatic/manual reset
- Selectable trip class — 10, 20, 30 or no protection (disables overload)
- Selectable trip current

Technical Data

Table A-210. Motor FLA Ranges

NEMA Size	1.15 to 1.25 Service Factor	1.0 Service Factor
1 ①	.47 – 3.81	.51 – 4.14
1	3.15 – 270	3.43 – 270
2	3.15 – 45.0	3.43 – 45.0
3	9.90 – 90.0	10.8 – 90.0
4	9.90 – 135	10.8 – 135
5	38.3 – 270	41.7 – 270
6	38.3 – 540	41.7 – 540

① For motor full load current (FLA) range of .47A – 3.81A with a 1.15 to 1.25 service factor and for motor hp range of 1/4 hp to 2 hp at 460V.

Options

Table A-211. Optional Features

Description	Catalogue Number Suffix
Omit Class II Ground-Current Protection	Y7
Omit Phase-Loss Protection	Y4
Omit both Class II Ground-Current Protection and Phase-Loss Protection	Y4Y7



Size 5 and 6 Starter

Product Description

Catalogue Number W200 — Non-reversing Starters (shown above)

Catalogue Number W210 — Horizontal Reversing Starters — long axis horizontal.

Catalogue Number W250 — Vertical Reversing Starters (not illustrated) — long axis vertical.

Product Selection

When Ordering Specify

- Non-reversing Catalogue Number as specified in table below.
- Reversing Catalogue Number as specified in table below.

Table A-212. Advantage Starters — 3-Pole Non-reversing and Reversing — Wired for Separate Control — Heaters Not Required — NEMA Sizes 1 – 6

NEMA Size	Motor Voltage	Max. hp	Continuous Amperes (Enclosed)	Coil Voltage/Hz	Non-reversing		Reversing (Horizontal)		Reversing (Vertical)	
					Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
1 ①	200 230 460 575	1 1 2 2	27	120/60 110/50	W200MLCFC W200MLCNC		W210MLCFC W210MLCNC		W250MLCFC W250MLCNC	
1	200 230 460 575	7-1/2 7-1/2 10 10	27	120/60 110/50	W200M1CFC W200M1CNC		W210M1CFC W210M1CNC		W250M1CFC W250M1CNC	
2	200 230 460 575	10 15 25 25	45	120/60 110/50	W200M2CFC W200M2CNC		W210M2CFC W210M2CNC		W250M2CFC W250M2CNC	
3	200 230 460 575	25 30 50 50	90	120/60 110/50	W200M3CFC W200M3CNC		W210M3CFC W210M3CNC		W250M3CFC W250M3CNC	
4	200 230 460 575	40 50 100 100	135	120/60 110/50	W200M4CFC W200M4CNC		W210M4CFC W210M4CNC		W250M4CFC W250M4CNC	
5	200 230 460 575	75 100 200 200	270	120/60 110/50	W200M5CFC W200M5CNC		W210M5CFC W210M5CNC		W250M5CFC W250M5CNC	
6	200 230 460 575	150 200 400 400	540	120/60 110/50	W200M6CFC W200M6CNC		W210M6CFC W210M6CNC		W250M6CFC W250M6CNC	

① For motor full load current (FLA) range of .47A – 3.81A with a 1.15 to 1.25 service factor and for motor hp range of 1/4 hp to 2 hp at 460V.

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