



## MDP Panels, Main Circuit Breakers and Field Modification Kits

### Features

- Compact Design
- High Density Motor Starter Mounting
- UL/cUL Listed
- 65kA Bus Bracing Rating
- Fastbus Advantages of Time and Space Saving
- NEMA Enclosure Ratings: 1, 3R/12, 4 and 4 Stainless Steel
- Pre-drilled Panel for Optional CPT's 50, 100, 200, 300, and 500VA
- Optional Busbar Kit for Additional Combination Starters. Panel Pre-drilled for Mounting
- Easy Wall or Optional Floor Mounting
- Suitable for Service Entrance Applications

### Approvals

- UL/cUL Listed enclosure
- UL/cUL Listed combination starters

Both are listed under: UL File # E 156943.

The installation meets the requirements of:

- UL508
- NEC Article 430
- NEMA ICS 1, 2, 6

### Specifications

- 3 Phase, 362A tinned copper busbar
- Voltage: up to 480V AC
- Bracing Rating: up to 65kA @ 480V
- Main Breaker Ratings: 125, 225, and 400A

### General Information

Motor Distribution Panels are designed to provide simple, high-density multi-motor control installation in NEMA 1, 3R/12, 4 and 4 Stainless Steel enclosures. Each 48"h x 30"w x 12"d enclosure assembly is shipped complete with:

- A white, high visibility panel and pin hinged door
- Main Circuit Breaker connected to a 36", vertically mounted, 65kA braced Fastbus system
- Ground busbar with 10 terminals for cable sizes AWG 14 to 6 and 1 terminal for cable sizes 4 to 2
- MaxFlex™ Cable Flange Operator
- Vertical Cable Tray 36"h x 3"w x 3"d
- Pre-mounted DIN Rail for terminal blocks and other DIN mountable components
- Screw mounting holes for Control Power Transformer installation 50 to 500 VA
- Screw mounting holes for the optional 14" Busbar Kit
- Mounting Instruction for 30 mm pilot devices installation

Field modification kits include:

- 14 inch busbar kit.
- Floor mounting kits in painted steel or stainless steel.

See pages 300–307 for Sirius 3RA non-reversing and reversing combination starters.

See pages 296–298 for additional Fastbus components.

See section 9 for Pilot Devices

See page 727 for CPTs.

### Field Modification Kits

Catalog No	Description	Price \$
KTMDP14	14 inch Busbar Kit	83.
KTFM	Floor Mounting Kit	292.
KTFMS	Stainless Steel Floor Mounting Kit	544.

### Selecting the MDP

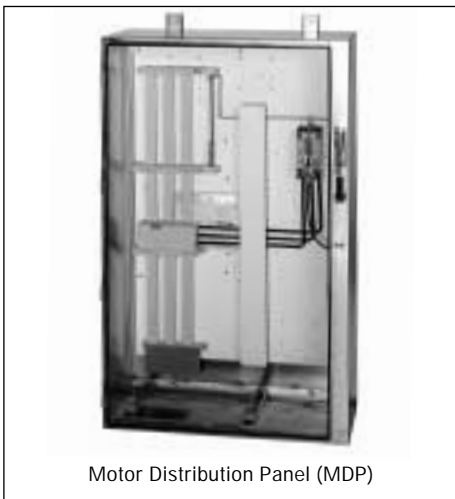
To size the main breaker:

Multiply the sum of the Full Load Amps (FLA) by 1.2 and select the next highest main breaker (not to exceed 400A).

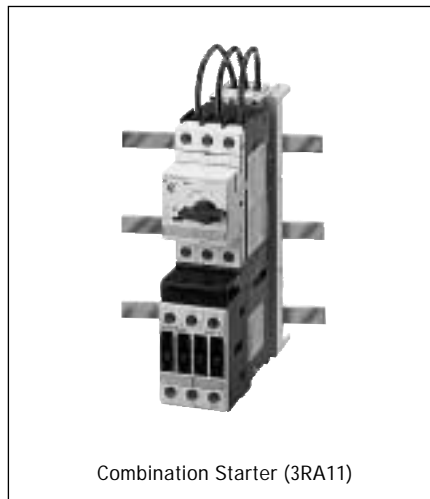
### Motor Distribution Panel MDP

Main Circuit Breaker Ampere Rating	NEMA 1	Price \$	NEMA 3R/12	Price \$	NEMA 4	Price \$	NEMA 4X (Stainless Steel)	Price \$
400	MDP1400	3290.	MDP2400	3483.	MDP4400	4086.	MDPS400	4959.
225	MDP1225	2496.	MDP2225	2690.	MDP4225	3292.	MDPS225	4165.
125	MDP1125	2251.	MDP2125	2445.	MDP4125	3047.	MDPS125	3920.

**Note:** The main circuit breaker provides the main disconnecting means as well as the overload and short circuit protection for the Fastbus system. The motor branches are fully protected by the Combination Starters.



Motor Distribution Panel (MDP)



Combination Starter (3RA11)



Optional 14" Busbar Kit