Safety and reliability are the two most important features to be considered when selecting an MCC. The FlashGard® MCC—industry’s first MCC designed for comprehensive arc flash prevention—provides protection features designed to enable electrical workers to operate and perform maintenance on the MCC in an “arc-free” environment.

At the core of FlashGard MCC’s arc flash safety feature set is our state-of-the-art RotoTract™ stab racking mechanism. The RotoTract mechanism enables bus isolation and provides stab position indication and lockout features that proactively prevent arc flash scenarios.

FlashGard technology helps minimize the impact and exposure to potential arc flash events and enables:

- Increased uptime of product line operations
- Increased personnel safety
- A reduced amount of incident arc-flash energy during maintenance*
- A lower probability of the creation of a short circuit phase-to-phase or phase-to-ground
- A lower probability of electrical shock
- Decreased direct cost related to electrical safety incidents

Freedom FlashGard aftermarket units may be retrofitted into the following MCC structures manufactured post 1981:

- Series 2100
- Five Star
- Freedom 2100
- Advantage

Buckets are built to the UL845 motor control center standard with all new steel and components.

*As described by the IEEE® testing method described in IEEE 1584.
Catalog numbering system

Aftermarket MCC starter buckets/units

| MCC Type Catalog Codes | FZ = Freedom 2100 | FK = Advantage | FS = Series 2100/5 Star | FD = Freedom Unintro | FR = F10 Unintro | FT = Type W | FN = 98000 Unintro | FJ = 11-300 | FM = IT | SZ = FlashGard | GD = GE 7600 | GE = GE 7700/8000 | AB = Allen-Bradley Centerline | SQ = Square D Model 6 | SS = Furnas 89 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Device Type**
- F = HFD
- L = HLD
- J = HJJD
- Z = Fusion Switch

Fusible Disconnect Sizes

Catalog numbering system

Aftermarket MCC starter buckets

| MCC Type Catalog Codes | FZ = Freedom 2100 | FK = Advantage | FS = Series 2100/5 Star | FD = Freedom Unintro | FR = F10 Unintro | FT = Type W | FN = 98000 Unintro | FJ = 11-300 | FM = IT | SZ = FlashGard | GD = GE 7600 | GE = GE 7700/8000 | AB = Allen-Bradley Centerline | SQ = Square D Model 6 | SS = Furnas 89 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Service Voltage**
- A = 120 V
- B = 208 V
- C = 240 V
- D = 380 V
- E = 480 V
- F = 575 V

**Space Option Code**
- S = Standard height
- C = Compact
- X = Oversized

**Control Voltage**
- A = 120 V
- B = 208 V
- C = 240 V
- D = 380 V
- E = 480 V
- F = 575 V

**CPT**
- C10 = Separate source control fuse
- C12 = 100 VA for size 1 and 2
- C13 = 150 VA for size 3 and 4

**Modification Codes**

For more information, please visit: Eaton.com/MCCAftermarket or call your local Eaton sales office.

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