

Freedom™ FlashGard® Motor Control Center



Freedom FlashGard aftermarket buckets



Freedom FlashGard Motor
Control Center

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.

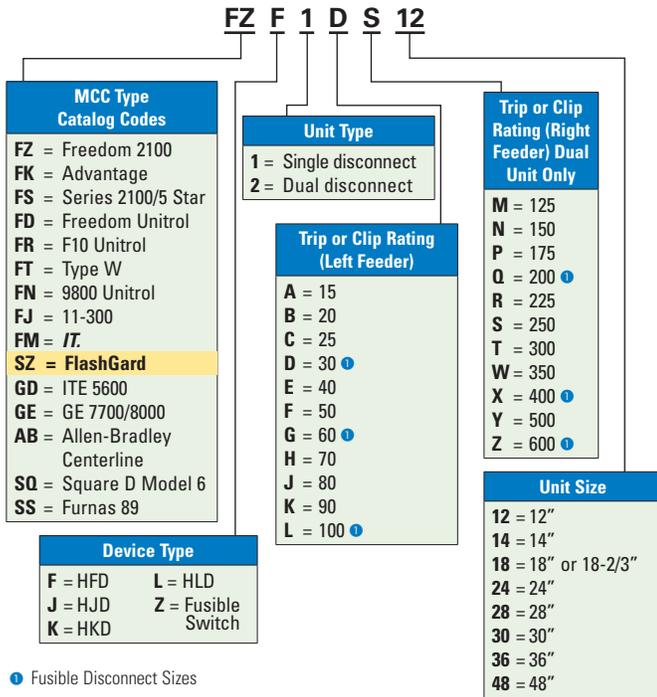
*As described by the IEEE® testing method described in IEEE 1584.

EATON

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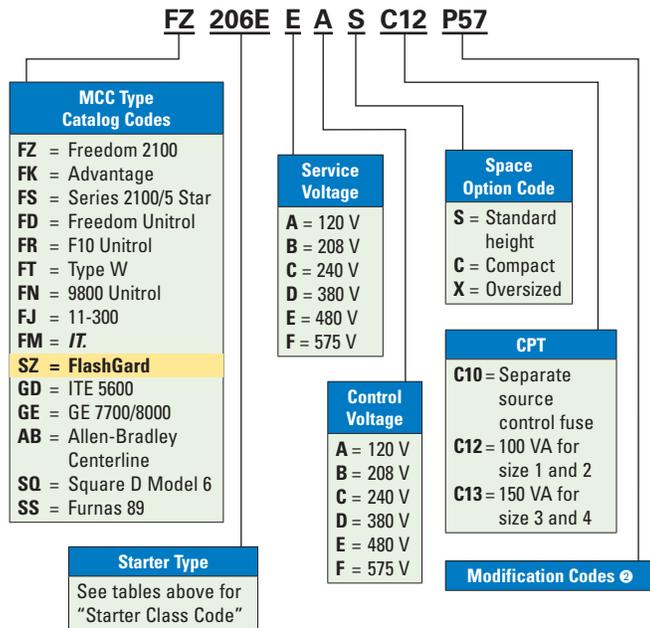
Catalog numbering system

Aftermarket MCC feeder buckets/units



Catalog numbering system

Aftermarket MCC starter buckets



Aftermarket MCC starter types

Full-Voltage Combination Starter—HMCP Disconnect

NEMA® Size	Maximum Horsepower					HMCP Ampere Size	Starter Class Code
	208 V	240 V	380 V	480 V	600 V		
Non-Reversing							
1	0.50	0.33	1	1	1.50	3	206A
1	1	1	2	3	3	7	206B
1	3	3	5	7.50	7.50	15	206C
1	7.50	7.50	10	10	15	30	206D
2	10	15	25	25	30	50	206E
3	25	30	50	50	50	100	206H
4	40	50	75	100	100	150	206L
Reversing							
1	0.50	0.33	1	1	1.50	3	216A
1	1	1	2	3	3	7	216B
1	3	3	5	7.50	7.50	15	216C
1	7.50	7.50	10	10	15	30	216D
2	10	15	25	25	30	50	216E
3	25	30	50	50	50	100	216H
4	40	50	75	100	100	150	216L

Full-Voltage Combination Starter—Fusible Disconnect

NEMA Size	Maximum Horsepower					Fuse Size	Starter Class Code
	208 V	240 V	380 V	480 V	600 V		
Non-Reversing							
1	7.50	7.50	10	10	15	30	204D
2	10	15	25	25	30	50	204E
3	25	30	50	50	50	100	204H
4	40	50	75	100	100	150	204L
Reversing							
1	7.50	7.50	10	10	15	30	214D
2	10	15	25	25	30	50	214E
3	25	30	50	50	50	100	214H
4	40	50	75	100	100	150	214L

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

Eaton
 1000 Eaton Boulevard
 Cleveland, OH 44122
 United States
 Eaton.com

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