

Motor Control Center Replacement Units

Aftermarket Overview



Product Description (Time Line: 2002 — Current)

Introduced in 2002, Siemens TIASTAR is an advanced SISystem™ (Smart Integrated Solution System) that provides you with seamless control of your physical plant by fusing ASI, PROFIBUS®, and ACCESS™ – as well as most legacy systems – into a robust, fully integrated management system.

Units widths are normally 15" or 20" wide, and 12" tall with 6" increments. Today, we provide you with Siemens breakers and starters. The standard lead-time for delivery is 24 hrs – 3 weeks.

Replacement Capabilities

Starter Units

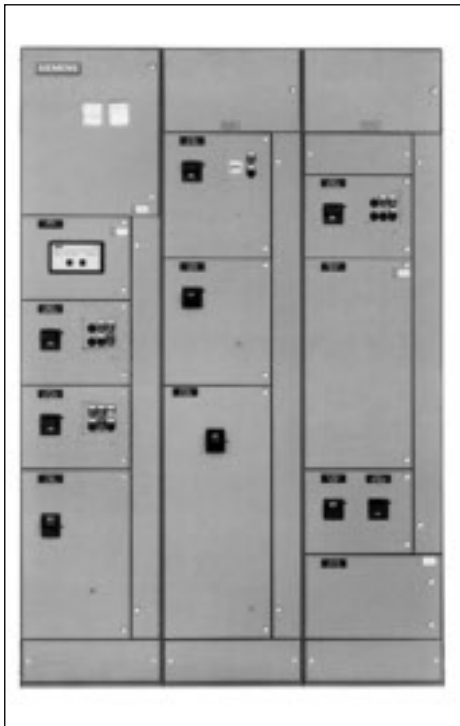
Replacement starter units are available for all plug-in and Non plug-in units MCC designs. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT & Pilot Devices
- CB and Fusible
- Relays, Fuses, VFD and Softstarts
- Soft Starts, SIMOCODE, ASI, PROFIBUS
- UL Labeled



SIEMENS

Model 95+



Product Description (Time Line: 1996 — 2001)

The Model 95+ retrofit buckets are designed to fit into Model 95+ MCCs. This upgrade from Model 95 included changes in handles, color, pilot devices, and stabs. Unit widths are normally 15" or 20" wide, and 12" tall with 6" increments.

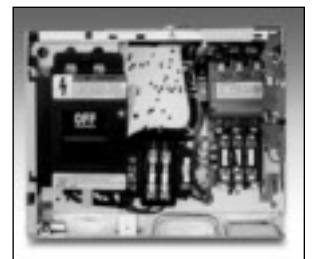
Today, we provide you with Siemens breakers and starters. The standard lead-time for delivery is 24 hrs – 3 weeks.

Replacement Capabilities

Starter Units

Replacement starters are available for all plug-in and Non plug-in units. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and Fusible
- Pilot Devices, VFD, Softstarts and ASI
- Relays, Fuses
- UL Labeled



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SIEMENS

Model 95



Product Description (Time Line: 1995 — 1997)

The Model 95 was originally manufactured in Raleigh, NC. Model 95 served as a style template for many old MCC buckets since installation procedures and dimensions stayed the same. Unit widths are normally 15" or 20" wide, and 12" tall with 6" increments.

The original Model came with a variety of CB and starters from ITE, C-H and Siemens 3TF & 3UA Overload. Today, we provide you with Siemens breakers and starters. The standard lead-time for delivery is 24 hrs – 3 weeks.

Replacement Capabilities

Starter Units

Replacement starters are available for all plug-in and Non plug-in units. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and fusible
- Pilot Devices
- Relays and Fuses



SIEMENS

Model 90



Product Description (Time Line: 1986 — 1997)

The Model 90 retrofit buckets are designed to fit into Model 90 MCCs. Unit widths are normally 15" or 20" wide, and 12" tall with 6" increments.

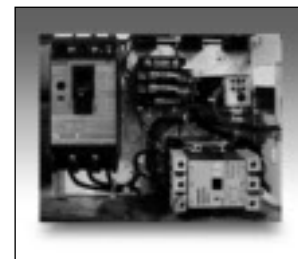
The original Model came with a variety of CB and starters from ITE, C-H, and Siemens 3TF & 3UA Overload. Today, we provide you with Siemens breakers and starters. The standard lead-time for delivery is 24 hrs – 3 weeks.

Replacement Capabilities

Starter Units

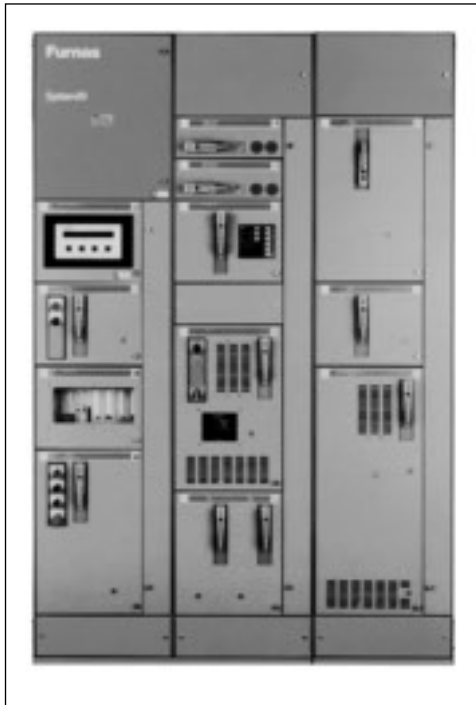
Replacement starters are available for all plug-in and Non plug-in units. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and Fusible
- Pilot Devices
- Relays and Fuses



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Product Description (Time Line: 1979 — 2001)

This is an upgrade from Class 89 developed by Furnas in 1965. Bucket structures are normally 15" or 20" wide, and 12" tall with 6" increments.

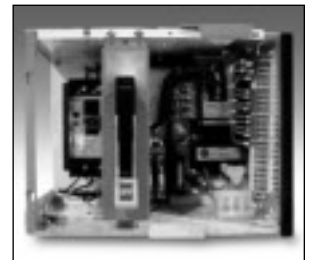
The original System 89 came with a variety of CB and starters from Westinghouse, GE and Furnas Electric. Today, we provide you with Siemens breakers and starters. The standard lead-time for delivery is 24 hrs – 3 weeks.

Replacement Capabilities MCC Plant: West Chicago

Starter Units

Replacement starter units are available for all plug-in and non plug-in unit MCC designs. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and Fusible
- Pilot Devices
- Relay, Fuses, VFD and Softstarts
- UL Labeled



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MOTOR CONTROL
CENTERS



Product Description (Time Line: 1975 — 1996)

The Marq21 retrofit buckets are designed to fit into Marq21 MCCs. Marq21 was created from the forge of two of the world's foremost electrical companies, Siemens-Allis. Units widths are normally 15" or 20" wide, and 12" tall with 6" increments.

The original Marq21 came with a variety of CB and starters from ITE and Allis-Chambers. The standard lead-time for delivery is 24 hrs – 3 weeks.

Note: Original components are not available. Today, we provide you with Sentron breakers and Siemens starters.

Replacement Capabilities

Starter Units

Replacement starters are available for all plug-in and Non plug-in units. A complete units for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

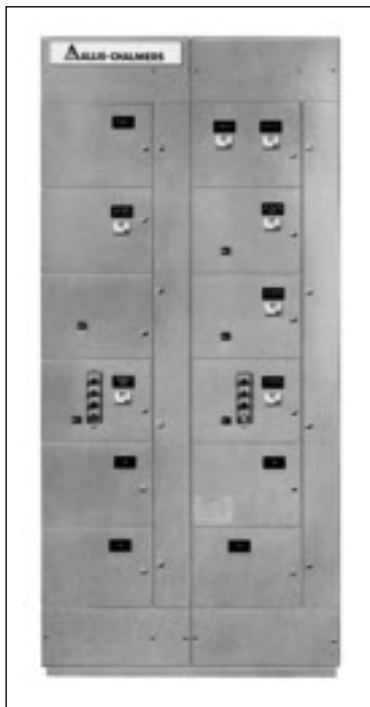
- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and fusible
- Pilot Devices
- Relays and Fuses
- UL Labeled

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Mark 2



Product Description (Time Line: 1972 — 1975)

The Mark 2 retrofit buckets are designed to fit into their old design. This is an upgrade from the Mark 1 in ValueLine family. Unit widths are normally 15" or 20" wide, and 12" tall with 6" increments.

The original Mark 2 came with a variety of CB and starters from Westinghouse and Allis-Chalmers. The standard leadtime for delivery is 24 hrs – 3 weeks.

Add-on MCCs:

New TIASTAR MCC can be spliced to existing line-up.

Note: Original components are not available. Today, we provide you with Sentron breakers and Siemens starters.

Replacement Capabilities

Starter Units

Replacement starters are available in plug-in Non plug units. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and Fusible
- Pilot Devices
- Relays, Fuses
- UL Labeled



5600



Product Description (Time Line: 1971 — 1992)

The 5600 MCC retrofit buckets are designed to fit into their old design. 5600 units are 15" wide buckets and the fix mounted panels are 20" wide.

The original Gould came with a variety of old CB and starters from ITE, Rowan, and AMP-CAP. These buckets are available up to NEMA size 5. The standard lead-time for delivery is 24 hrs – 3 weeks.

Note: Original components are not available. Today, we provide you with Sentron™ breakers and Siemens starters.

Replacement Capabilities

Starter Units

Replacement starters are available for all plug-in and Non plug-in units. A complete unit for adding to an existing MCC includes a unit door, divider pans and all necessary mounting hardware. Features of the replacement units include:

- Siemens Starter Size 1-6
- CT, CPT, PT
- CB and Fusible
- Pilot Devices, Relays, and Fuses
- UL Labeled
- Shelf is ordered separately

