Motor Control Centers (MCC) Identification Guide

www.usa.siemens.com/mccaftermarket
Table of Contents

Overview
- MCC Timeline 1
- MCC Quick Identification Table 2
- MCC Number Overview 3
- Identification by Handle Type 4
- Identification by Unit Stab 5

Siemens MCC Models
- tiastar 6
- Model 95+ 7
- Model 95 8
- Model 90 9
- Marq21 10

Furnas MCC Models
- System89 11
- Class89 12

Allis-Chalmers Models
- Mark 2 13
- Mark 1 14

ITE Models
- Gould 5600 15
- Gould 9600 16

Request for Quote 17
Siemens has an installed base of Motor Control Centers dating back to 1964 due to acquisitions of Allis-Chalmers in 1978, ITE Gould in 1983 and Furnas Electric in 1996. This has resulted in eleven MCC models installed across the United States. Replacement units for these models as well as the current tiastar™ MCC offerings are built in the Siemens West Chicago plant. Siemens developed this tool to help people gain a better understanding of the wide variety of this installed base of MCCs. This should enable people to order aftermarket buckets or new MCCs much easier. In this brochure, all the tools necessary for identifying existing MCCs are included. All items listed as follows: timeline, product overview, identification guide and product descriptions. The intent of this guide is to provide a tool for Siemens customers so they can make a more educated purchasing decision. If you have any questions, please contact your local Siemens representative.

**MCC Timeline**

<table>
<thead>
<tr>
<th>MCC Type</th>
<th>MCC Timeline</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITE Gould 9600</td>
<td>1964 - 1965</td>
</tr>
<tr>
<td>Allis-Chalmers</td>
<td>1971 - 1972</td>
</tr>
<tr>
<td>Furnas Class 89</td>
<td>1975 - 1980</td>
</tr>
<tr>
<td>ITE Gould 5600</td>
<td>1980 - 1986</td>
</tr>
<tr>
<td>Allis-Chalmers</td>
<td>1986 - 1990</td>
</tr>
<tr>
<td>Siemens-Allis Marq21</td>
<td>1990 - 1992</td>
</tr>
<tr>
<td>Siemens-Allis</td>
<td>1992 - 1995</td>
</tr>
<tr>
<td>Siemens-Furnas</td>
<td>1995 - 1996</td>
</tr>
<tr>
<td>Siemens-Furnas</td>
<td>1996 - 1997</td>
</tr>
<tr>
<td>Siemens</td>
<td>1997 - 2001</td>
</tr>
<tr>
<td>Siemens</td>
<td>2001 - 2002</td>
</tr>
<tr>
<td>Siemens</td>
<td>&gt;2002</td>
</tr>
</tbody>
</table>

**Year**


**Note:** Timeline represents approximate values.
# MCC Quick Identification Table

This overview is a clear and concise snap shot of Siemens entire MCC product offering. For your convenience, typical MCC part numbers are shown for continued identification possibilities. Furthermore, the overview covers the standard options for the product offering.

<table>
<thead>
<tr>
<th>Original Manufacturer</th>
<th>Model</th>
<th>Production Dates</th>
<th>Type of Handle Mechanism</th>
<th>Typical MCC Serial Number</th>
<th>Page Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Siemens</td>
<td>tiastar™</td>
<td>2002 – Current</td>
<td>Lever</td>
<td>89BF#####-#####</td>
<td>6</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>89BS#####-#####</td>
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<td></td>
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<td>89BB#####-#####</td>
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<td></td>
<td>W####</td>
<td></td>
</tr>
<tr>
<td>Siemens</td>
<td>Model 95 +</td>
<td>1997 – 2001</td>
<td>Slider</td>
<td>95BF#####-#####</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>95BS#####-#####</td>
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</tr>
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<td></td>
<td></td>
<td></td>
<td>95BB#####-#####</td>
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<td>####</td>
<td></td>
</tr>
<tr>
<td>Siemens</td>
<td>Model 95</td>
<td>1995 – 1997</td>
<td>Slider</td>
<td>09-001-#####-#####-#####</td>
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</tr>
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<td>Siemens</td>
<td>Model 90</td>
<td>1990 – 1997</td>
<td>Slider</td>
<td>30-001-#####-#####-#####</td>
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<tr>
<td>Siemens-Allis</td>
<td>Marq21</td>
<td>1975 – 1990</td>
<td>Slider</td>
<td>01-14##-#####-#####</td>
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<tr>
<td>Siemens/Furnas</td>
<td>System89</td>
<td>1980 – 2001</td>
<td>Lever</td>
<td>Same as Siemens tiastar</td>
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<td>Furnas</td>
<td>Class89</td>
<td>1965 – 1979</td>
<td>Lever</td>
<td>89F#####-#####</td>
<td>12</td>
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<td></td>
<td></td>
<td>89SV#####-#####</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>89BV#####-#####</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>V####</td>
<td></td>
</tr>
<tr>
<td>Allis-Chalmers</td>
<td>Mark 2</td>
<td>1972 – 1975</td>
<td>Rotary</td>
<td>#######</td>
<td>13</td>
</tr>
<tr>
<td>Allis-Chalmers</td>
<td>Mark 1</td>
<td>1965 – 1972</td>
<td>Slider</td>
<td>#######</td>
<td>14</td>
</tr>
<tr>
<td>ITE</td>
<td>Gould 5600</td>
<td>1971 – 1992</td>
<td>Rotary</td>
<td>84-#####-#####</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Gould 9600</td>
<td>1964 – 1971</td>
<td>Rotary</td>
<td>85-#####-#####</td>
<td>16</td>
</tr>
</tbody>
</table>
Style (Serial)/Order Number Overview

This visual guide will help you locate and identify your MCC by its order number or style number. Please note your unit’s style or order number and report this when placing your order. This will help ensure the accuracy and timely completion of your request.

Style (Serial) Number

The style number can be found on the name plate of your MCC. This is generally located on the section of incoming power supply.

Order Number

The order number is an acceptable alternative to the style number. This can be found on the inside of a specific bucket. Please also report the unit number when possible (located below the order number). Note: Some older models may not have this sticker.
Identification by Handle Type

tiastar (page 6)
System89 (page 11)

Model 95+ (page 7)
Model 95 (page 8)
Model 90 (page 9)
Marq21 (page 10)

Class89 (page 12)

Marq21 (page 10)
Mark 2 (page 13)

Mark 1 (page 14)

Gould 5600 (page 15)

Gould 5600 (page 15)

Gould 9600 (page 16)
Identification by Unit Stab

tiastar (page 6)
Model 95+ (page 7)
System89 (page 11)

Model 95 (page 8)
Model 90 (page 9)
Marq21 (page 10)

Marq21 (page 10)
Mark 2 (page 13)

Gould 5600 (page 15)

Gould 9600 (page 16)
Siemens tiastar™

Product Description

Introduced in 2002, Siemens tiastar Motor Control Center represents a rugged time proven design. Unit widths are normally 15" or 20" wide, and 12" tall with 6" increments.

Timeline:
2002 – Current

Original Mfg:
Siemens

MCC#:
89BF#####-###
89BS#####-###
89BB#####-###

Label Identification
Siemens Model 95+

Product Description

The Model 95+ retrofit units 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.

Add-on MCCs:
A new tiastar MCC can be directly spliced to existing line-up.

Timeline:
1997 – 2001

Original Mfg: Siemens

MCC#:
95BF#####-###
95BS#####-###
95BB#####-###

Label Identification
Siemens Model 95

Product Description

Model 95 served as a style template for many old MCC units 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.

Add-on MCCs:
A new tiastar MCC can be directly spliced to existing line-up.

Original Mfg: Siemens
MCC#: 09-001-#####-#####
Siemens Model 90

Product Description
The Model 90 retrofit units 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 90 came with a variety of CB and starters from ITE, C-H, and Siemens 3TF and 3UA Overload. Today, we provide you with Siemens breakers and starters.

Add-on MCCs:
A new tiaxst MCC can be directly spliced to existing line-up.

Timeline:
1995 – 1997
Original Mfg: Siemens
MCC#: 30-001-#####-#####

Label Identification

![Label Image]
Siemens-Allis Marq21

Product Description

The Marq21 retrofit units 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. Original components are no longer available. Today, we provide you with Siemens breakers and starters.

Add-on MCCs:
A new tiastar MCC can be directly spliced to existing line-up.

Timeline:
1975 – 1990
Original Mfg: Siemens-Allis
MCC#: 01-14##-##########

Label Identification

Important Note:
Models produced between 1982–1985 may feature a vertical bus phase isolation barrier. The Model 95 style retrofit buckets cannot be used due to interference with the bucket stabs. The unit will instead be supplied as a panel-mounted unit that is cabled to the horizontal bus (cables are provided).

The aftermarket units cannot be installed in the top location of the existing MCC structure.
Furnas System89

Product Description

This is an upgrade from Class89 developed by Furnas in 1965. Unit structures are normally 15" or 20" wide, and 12" tall with 6" increments. The original System89 came with a variety of CB and starters from Westinghouse, GE and Furnas Electric. Today, we provide you with Siemens breakers and starters.

Add-on MCCs:
A new tiastar MCC can be directly spliced to existing line-up.

Timeline:
1979 – 2001
Original Mfg: Furnas Electric
MCC#: 89BF#####-####
89BS#####-####
89BB#####-####
Furnas Class 89

Product Description

Original components are no longer available. Replacement units are no longer available. A new tiastar MCC can be cabled to an existing line up with an MLO assembly.

Timeline: 1965 – 1979
Original Mfg: Furnas Electric
MCC#: 89FVXXXX-###
89SVXXXX-###
89BVXXXX-###

Label Identification
Allis-Chalmers Mark 2

Product Description

The Mark 2 retrofit units 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. Original components are no longer available. Today, we provide you with Siemens breakers and starters.

Add-on MCCs:
A new tiastar MCC can be directly spliced to existing line-up.

Important Note:
The aftermarket units cannot be installed in the top location of the existing MCC structure.

Timeline: 1972 – 1975
Original Mfg: Siemens
MCC#: ######
Allis-Chalmers Mark 1

Product Description

Original components are no longer available. Replacement units are no longer available. A new tiastar MCC can be cabled to an existing line up with an MLO assembly.

Timeline: 1965 – 1971
Original Mfg: Allis Chambers
MCC#: ######
ITE Gould 5600

Product Description

The 5600 MCC retrofit units were designed to fit into their old design. Units are 15” wide and the fix mounted panels are 20” wide. Original components are not longer available. Today we provide you with Siemens starters and breakers.

Note: Units can be provided as a fix-mounted unit cabled to the horizontal bus, or as a plug-in unit.

Add-on MCCs:
A new tiastar MCC can be cabled to an existing line up with an MLO assembly.

Timeline 5600: 1971 – 1992
Original Mfg: ITE / Rowan Control
MCC#:
84-#####
85-#####
86-#####
ITE Gould 9600

Product Description

The 9600 MCC retrofit units were designed to fit into their old design. Units are 20". Original components are no longer available. Today we provide you with Siemens breakers and starters.

Note: Units can be provided only as a fix-mounted unit cabled to the horizontal bus.

Add-on MCCs:
Replacement units are not available. A new tiastar MCC can be cabled to an existing line up with an MLO assembly.

Timeline: 1964 – 1971
Original Mfg: ITE / Rowan Control
MCC#: 84-#####
85-#####
86-#####

Label Identification
Request for Quote

To request a quote for aftermarket MCC units, please visit www.usa.siemens.com/mccaftermarket
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