Power Mod™

Standard switch modules (type WS) are designed for flexibility, space savings, & durability.

Features include:
- QuickSystem™ features
- Standard compression lug capability
- Invertibility: 400-800 Amp devices can be rotated to accommodate the desired incoming feed direction
- 750 kcmil AL wire options for most models
- 100K AIC standard for all models
- Class T fuse provisions
- Front mounted handle - removes the need for spacers on the side
- Broad ampacity ratings up to 1200 Amps

Standard Switch Mains quick reference
- 400-1200A
- 1200A thru-bus
- UL Standard # UL98
- UL file #E25506
- AIC rating (100k AIC)
- Voltage:
  - Single phase 120/240V AC max
  - Three phase 240V AC max
- All swing latches and rivets are stainless steel
- NEMA 3R rated
- G90 galvanized steel
- ANSI 61 paint

www.sea.siemens.com/powermod
Power Mod Standard Switch Mains

Features

- Vacubreak switch up to 800A
- Molded case switch for 1200A. Order class T fuse types separately.
- Standard compression lug capability. 750kcmil AL wire options.
- 400-800A standard switch modules are invertible to change line side feed connections.
- Removable bonding strap For use in non service entrance applications.
- Pullbox Opening 6" knockout for aligning a separate pullbox if required.
- 4" hub openings Siemens/Landis & Gyr HD type hubs
Power Mod Standard Switch Mains

Features

Front mounted handle
Saves space by eliminating handles mounted on the side.

Connecting cross bus rated 1200 Amps

QuickConnect™
QuickConnect reduces bussing connections from many to one - ensuring a single reliable connection instead of multiple connections.

QuickTorque™
Eliminates the need for time consuming torque readings, this breakaway nut provides the correct indication of torque of the QuickConnect. When tightened, the outer head twists off at the proper torque for connection, leaving a single nut for future maintenance.

QuickBolt™
QuickBolt eliminates the requirement to line up mechanical connections - instead bolts remain retracted until the openings lineup - allowing the bolts to protrude through automatically. Springs push the bolts through and provide positive pressure to keep bolts in place while wingnuts are attached and tightened.

Mounting ear
Pivot factory installed mounting ears to minimum or maximum position to provide additional stability when mounting equipment onto wall.

QuickRoll™
QuickRoll eliminates the typical metal brackets for mounting modules to the wall. Instead of metal scraping metal QuickRoll allows the module to glide down the mounting rail via a durable nylon wheel inside mounting bracket.
# Power Mod Standard Switch Mains

## Catalog numbers

### Fusible switch service entrance modules: 1-phase, 3-wire SN, 120/240V AC, 100k AIC

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Rating amps</th>
<th>Service feed</th>
<th>Fuse type</th>
<th>Dimensions (inches)</th>
<th>Line side connections</th>
<th>KO drawing no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS1400CU®</td>
<td>400</td>
<td>OH/UG®</td>
<td>T</td>
<td>Height: 50.13, Width: 15.19, Depth: 16.31</td>
<td>1 set of 2 studs</td>
<td>S-1</td>
</tr>
<tr>
<td>WS1600CU®</td>
<td>600</td>
<td>OH/UG®</td>
<td>T</td>
<td>Height: 50.13, Width: 15.19, Depth: 16.31</td>
<td></td>
<td>S-1</td>
</tr>
<tr>
<td>WS1800CU®</td>
<td>800</td>
<td>OH/UG®</td>
<td>T</td>
<td>Height: 50.13, Width: 15.19, Depth: 16.31</td>
<td>2 sets of 2 studs</td>
<td>S-2</td>
</tr>
<tr>
<td>WS11200BU®®</td>
<td>1200</td>
<td>UG</td>
<td>T</td>
<td>Height: 50.06, Width: 20.22, Depth: 16.06</td>
<td>(4) 250-500 kcmil</td>
<td>S-3</td>
</tr>
</tbody>
</table>

### Fusible switch service entrance modules: 3-phase, 4-wire WN, 240V AC Max., 100k AIC

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Rating amps</th>
<th>Service feed</th>
<th>Fuse type</th>
<th>Dimensions (inches)</th>
<th>Line side connections</th>
<th>KO drawing no.</th>
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</thead>
<tbody>
<tr>
<td>WS3400CU®</td>
<td>400</td>
<td>OH/UG®</td>
<td>T</td>
<td>Height: 50.13, Width: 15.19, Depth: 16.31</td>
<td>1 set of 2 studs</td>
<td>S-1</td>
</tr>
<tr>
<td>WS3600CU®</td>
<td>600</td>
<td>OH/UG®</td>
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<td>Height: 50.13, Width: 15.19, Depth: 16.31</td>
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<td>S-1</td>
</tr>
<tr>
<td>WS3800CU®</td>
<td>800</td>
<td>OH/UG®</td>
<td>T</td>
<td>Height: 50.13, Width: 15.19, Depth: 16.31</td>
<td>2 sets of 2 studs</td>
<td>S-2</td>
</tr>
<tr>
<td>WS31200BU®®</td>
<td>1200</td>
<td>UG</td>
<td>T</td>
<td>Height: 50.06, Width: 20.22, Depth: 16.06</td>
<td>(4) 250-500 kcmil</td>
<td>S-3</td>
</tr>
</tbody>
</table>

1. Dimensions shown are representative of outside box dimensions and do not include allowances for mounting bumps, hubs, or hardware protrusion.
2. Module is invertible - rotate device to point hub openings to appropriate feed direction.
3. 500 kcmil max wire range size.
4. Fuses not included.
5. Lugs not included. NEMA II stud pattern lugs must be installed by user or utility. Refer to page 5-5 for lug size options.
6. Device uses a molded case switch (looks like a breaker). Class T fuses must be installed in conjunction with the molded case switch for proper operation.
# Power Mod Standard Switch Mains

## Lug selector catalog numbers

<table>
<thead>
<tr>
<th>Wire size</th>
<th>&lt;br&gt;Amperage</th>
<th># Conductors</th>
<th>500 kcmil</th>
<th>600 kcmil</th>
<th>750 kcmil</th>
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<tbody>
<tr>
<td>1 Phase</td>
<td>400</td>
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<td>n/a</td>
<td>LK11600N2</td>
<td>LK11750N2</td>
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<td>2</td>
<td>n/a</td>
<td>LK12600N2</td>
<td>LK12750N2</td>
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<tr>
<td></td>
<td>1200</td>
<td>3</td>
<td>LK13500N2</td>
<td>n/a</td>
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<td></td>
<td></td>
<td>4</td>
<td>LK14500*^</td>
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<td>n/a</td>
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<td>3 Phase</td>
<td>400</td>
<td>1</td>
<td>n/a</td>
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<td>LK31750N2</td>
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<td>n/a</td>
<td>LK32600N2</td>
<td>LK32750N2</td>
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<tr>
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<td>1200</td>
<td>3</td>
<td>LK33500N2</td>
<td>n/a</td>
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</tr>
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<td></td>
<td></td>
<td>4</td>
<td>LK34500*^</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

* Lug kits - Sentron breaker lugs
Power Mod Standard Switch Mains
Knockout diagrams

S-1
WS3400CU
WS3600CU
TOP FEED SHOWN
WS1400CU
WS1600CU
WS3400CU
WS3600CU

S-2
WS3400CU
WS3600CU
TOP FEED SHOWN
WS1800CU
WS3800CU
Power Mod Standard Switch Mains

Knockout diagrams

20-7/32
15-1/8

15-5/16

15-3/4 TO PHASE LUGS
15-7/32 TO GROUND LUG

23-1/2 TO CROSS BUS CENTER
16-1/16 TO PHASE LUGS

17-23/32
12-23/32

18-5/16

35-1/8 TO BOTTOM OF QUICK ROLL BRACKET

50-1/16

23-1/2 TO CROSS BUS CENTER

15-3/4 TO NEUTRAL LUGS

15-5/16

18-7/32 TO BOTTOM OF QUICK ROLL BRACKET

S-3

WS11200BU WS31200BU

S-3
Catalog number logic example

**Enclosure**
- **W** = Outdoor

**Device**
- **S** = Switch
  - **1** = Single phase
  - **3** = Three phase

**Incoming feed**
- **C** = Top and bottom feed construction
- **B** = Bottom feed construction

**Amperage**
- 400
- 600
- 800
- 1200

**Incoming feed**
- **U** = 100K AIC rated unit

**BD** = Bus Duct