## Modular Remote Power Panel, 277kW, 400A, 400V, 72 Pole, 300mm wide

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<th>Component /Detail</th>
<th>Description</th>
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<td>Modular Remote Power Panel, 277kW, 400A, 400V, 72 Pole</td>
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### LEGEND

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="symbol.png" alt="Circuit Breaker" /></td>
<td>CIRCUIT BREAKER</td>
</tr>
<tr>
<td><img src="symbol.png" alt="Circuit Breaker with RCD" /></td>
<td>CIRCUIT BREAKER WITH RCD</td>
</tr>
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</table>
MODULAR POWER DISTRIBUTION UNIT - SPECIFICATIONS

1. AC Input
1.1 Mains voltage: 400V/230V, 3Ph, N, PE (provided by others)
1.2 Frequency: 47-63Hz
1.3 Input Circuit Breaker: 400A
1.4 Maximum continuous current: 400A
1.5 Maximum Input conductor: 500 MCM

2. AC Output
2.1 Nominal voltage: 400V, 3Ph, 3W+N+PE
2.2 Maximum continuous current: 400A
2.3 Full Load rating: 277kW @ 400V 3Ph
2.4 Power Distribution Module (PDM): 3-pole breaker
2.5 Power Distribution poles available: 72
2.6 Maximum number of PDMS: 24

3. ENVIRONMENTS
3.1 The assembly is made for an ambient temperature for operation of: 0°C to 40°C.
3.2 The assembly is made for an ambient temperature for storage of: 0°C to 45°C.

4. ENCLOSURE
4.1 The assembly material is steel with surface coating.
4.2 The assembly is made for Indoor floor Installation.

5. CONNECTIONS
5.1 Incoming and outgoing cables to be connected to terminals in component section.
5.2 Input cable entry is through top or bottom of the unit.
NOTES:
1. COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
1. Comply with all applicable national, state, and local electrical regulations.
2. Refer to product manuals for additional details prior to installation and site preparation work.
3. All dimensions are in millimeters, unless otherwise specified.

**Δ4. To stabilize the enclosure (if it is not joined with another component) use the included AR7701 bolt-down kit. Attach the brackets to the unit as shown. Use code compliant fasteners to secure the unit to the floor.**

**TOP VIEW (ANCHORING DETAILS WITH STABILIZING BRACKET)**

**TOP VIEW (BOLT DOWN BRACKETS MOUNTING HOLE LOCATIONS)**

**ISOMETRIC VIEW (BOLT DOWN BRACKETS MOUNTING DETAIL)**
NOTES:
1. COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED.
4. ALL POWER DISTRIBUTION MODULES AND EXTENDER CABLES ARE NOT PART OF THIS SKU AND ARE ORDERED SEPARATELY.
5. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
### PRODUCT RATING

<table>
<thead>
<tr>
<th>Device</th>
<th>Nominal Current</th>
<th>Rated Short Circuit Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Input</td>
<td>400A</td>
<td>10kA Symmetrical</td>
</tr>
<tr>
<td>Power Output</td>
<td>400A</td>
<td>10kA Symmetrical</td>
</tr>
</tbody>
</table>

### DISTRIBUTION DETAILS

<table>
<thead>
<tr>
<th>Device ID</th>
<th>Rating</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB-1</td>
<td>400A</td>
<td>AC Circuit Breaker Spule</td>
</tr>
<tr>
<td>Module-X</td>
<td>16A/32A</td>
<td>Power Distribution Module, 5-pole + Neutral, Breaker, 5-pole Power, with IEC-309 Connector</td>
</tr>
</tbody>
</table>

**Legend:**
- AC Cable - Provided by Others
- AC Bus

### Notes:
1. Comply with all applicable national, state, and local electrical regulations.
2. Refer to product manuals for additional details prior to installation and site preparation work.
3. Drawing depicts power system connections and is not representative of physical layout. Please refer to mechanical drawings for physical layout.
4. 3x400/230V L1, L2, L3, N, PE (Provided by Others)
   - For other earthling principles, please contact Schneider Electric.
   - Recommended upstream protection is a minimum rating to support maximum current without selectivity. If selectivity is required, please contact Schneider Electric.
5. All AC power cables are L1, L2, L3, N, PE.
6. All power distribution modules and extension cables are not part of this SKU and are ordered separately. Please contact Schneider Electric.
7. Options details:
   - Contact Schneider Electric for latest list of module options.

### SKU Details

<table>
<thead>
<tr>
<th>SKU Number</th>
<th>Cable Length in Centimeters/Phase</th>
<th>IEC309 Plug Specification</th>
<th>Cable Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDM132EC-3P</td>
<td>360/L1, 360/L2 &amp; 420/L3</td>
<td>enegy</td>
<td>2.5 SQ. MM</td>
</tr>
<tr>
<td>PDM132EC-3P</td>
<td>360/L1, 360/L2 &amp; 420/L3</td>
<td>energ</td>
<td>2.5 SQ. MM</td>
</tr>
<tr>
<td>PDM132EC-3P</td>
<td>480/L1, 540/L2 &amp; 600/L3</td>
<td>energ</td>
<td>2.5 SQ. MM</td>
</tr>
<tr>
<td>PDM132EC-3P</td>
<td>680/L1, 720/L2 &amp; 780/L3</td>
<td>energ</td>
<td>2.5 SQ. MM</td>
</tr>
</tbody>
</table>

**Diagram:**
- Identical to the rest of the modules.