**TABLE 1.1: OCPD RECOMMENDATIONS**

<table>
<thead>
<tr>
<th>PDU RATING (kVA)</th>
<th>MAXIMUM AVAILABLE FAULT CURRENT (RMS SYMMETRICAL)</th>
<th>MAKE</th>
<th>MODEL</th>
<th>RATING</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>69A @ 480VAC 100A @ 480VAC</td>
<td>ABB</td>
<td>Tmax XT XT5H</td>
<td>60A@/ 60AAT, 660V</td>
<td>3P MCCB</td>
</tr>
<tr>
<td>500</td>
<td>69A @ 480VAC 103A @ 480VAC</td>
<td>ABB</td>
<td>Tmax XT XT7H</td>
<td>80A@/75AAT, 660V</td>
<td>3P MCCB</td>
</tr>
<tr>
<td>600</td>
<td>69A @ 480VAC 100A @ 480VAC</td>
<td>ABB</td>
<td>Tmax XT XT7H</td>
<td>120A@/100AAT, 660V</td>
<td>3P MCCB</td>
</tr>
<tr>
<td>750</td>
<td>69A @ 480VAC 105A @ 480VAC</td>
<td>ABB</td>
<td>Tmax XT XT7H</td>
<td>120A@/115AAT, 660V</td>
<td>3P MCCB</td>
</tr>
<tr>
<td>800</td>
<td>69A @ 480VAC 100A @ 480VAC</td>
<td>ABB</td>
<td>Tmax XT XT7L</td>
<td>120A@/120AAT, 660V</td>
<td>3P MCCB</td>
</tr>
</tbody>
</table>

**NOTES:**

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. THE ONELINE DIAGRAM PROVIDES AN OVERVIEW OF THE POWER STAGE OF THE TYPICAL PDU AND IS NOT REPRESENTATIVE OF ITS PHYSICAL LAYOUT. REFER TO THE OUTLINE DIAGRAM FOR DETAILS.
4. THE PDU IS DESIGNED FOR CONNECTION TO 480VAC 3Φ SOLIDLY GROUNDED OR HIGH RESISTANCE GROUNDED SOURCES ONLY. CONTACT ABB IF OTHER.
5. IF MAIN CIRCUIT BREAKER IS NOT PROVIDED ON THE PDU, THEN UPSTREAM OVERCURRENT PROTECTION IS REQUIRED. REFER TO TABLE 1.1 FOR RECOMMENDATIONS.
6. MAXIMUM RATED SHORT CIRCUIT CURRENT IS 69A OR 100A, BASED ON SELECTED OPTION.
7. OPTIONAL COMPONENT OR FEATURE THAT IS NOT INCLUDED IN BASE PDU CONFIGURATION, AND IS AVAILABLE UPON REQUEST.
8. TRANSFORMER IS AVAILABLE IN BOTH COPPER AND ALUMINUM K-SERIES. FOR DUAL OUTPUT, ONLY ONE SECONDARY VOLTAGE CAN BE USED AT A TIME; BOTH OUTPUTS CANNOT BE USED TOGETHER SIMULTANEOUSLY. OUTPUT VOLTAGE CAN BE RETAPPED IN THE FIELD.
9. UPPER DISTRIBUTION SECTION IS DEFAULT, AND WILL BE POPULATED BEFORE LOWER SECTION.

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**Legend:**

- Power Cable
- Power Cable (by others)
- Interlock
- Control
- Customer Terminal
- SPD (MOV)
- Circuit Breaker
- Transformer
- Current Sensing
- Voltage Sensing
- Temp. Sensing
- Keyed Note

**Legend:**

- Current Sensing
- Voltage Sensing
- Temp. Sensing
- Keyed Note

**Legend:**

- Power Cable
- Customer Terminal
- Interlock
- Control
- SPD (MOV)
- Circuit Breaker
- Transformer

**Legend:**

- Power Cable
- Customer Terminal
- Interlock
- Control
- SPD (MOV)
- Circuit Breaker
- Transformer

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**ONELINE DIAGRAM:**

TruFit PDU, 400-800kVA, 480V-, 415Y/240V and 208Y/120V

**Loading Options for each Distribution Section:**

(1 to 3) 600A/800A Subfeeds
or
(1 to 4) 400A Subfeeds
or
(1 to 5) 225A/250A Subfeeds
or
Empty
ONELINE DIAGRAM:
TruFit PDU, 400-800kVA, 480V-415Y/240V and 208Y/120V

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2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
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4. THE PDU IS DESIGNED FOR CONNECTION TO 480VAC 3ф SOLIDLY GROUNDED OR HIGH RESISTANCE GROUNDED SOURCES ONLY. CONTACT ABB IF OTHER.
5. UPSTREAM OVERCURRENT PROTECTION IS REQUIRED. REFER TO TABLE 1.1 FOR RECOMMENDATIONS.
6. MAXIMUM RATED SHORT CIRCUIT CURRENT IS 65kA OR 100kA BASED ON SELECTED OPTION.

OPTIONAL COMPONENT OR FEATURE THAT IS NOT INCLUDED IN BASE PDU CONFIGURATION, AND IS AVAILABLE UPON REQUEST.