Application

The Key to any impressed Current Cathodic Protection System is an efficient and reliable Power Unit that can provide an uninterrupted Direct Power Supply for the Anode Energization. BSS Tech offers a fully comprehensive range of Transformer Rectifiers including ATEX certified units.

We manufacture all types, all sized, standard, customized Transformer Rectifiers. We also manufacture explosion proof units with ATEX certification.

Our Cathodic Protection Engineers are available to advice the most efficient & economical Transformer Rectifier units for any specific application.

How to Order

To help our clients to pick the best features in a Transformer Rectifier unit, BSS Tech had developed an easy procedure. Pick the features from the following. A sample order can be explained as below:

BSTR-48-100-A-1-A-O-S-BIS The Order Code is supplied with the below reference:

<table>
<thead>
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<th>SAMPLE CODE</th>
<th>BS</th>
<th>TR</th>
<th>48</th>
<th>100</th>
<th>A</th>
<th>1</th>
<th>A</th>
<th>A</th>
<th>O</th>
<th>S</th>
<th>BIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>REFERENCE</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
</tbody>
</table>

Reference Detail:

1) (Mandatory)  
2) (Mandatory)  
3) DC volt*  
4) DC amp*  
5) AC Input:  
   A - 415V, 3Ph  
   B - 400V, 3Ph  
   C - 115/240V, 1Ph  
   D - 240/460, 1Ph  
   E - 240/260, 3Ph  
   F - 240V, 1Ph  
   G - 115/480, 1Ph  
   H - 120V, 1Ph  
6) Input Power Frequency:  
   1) 50 Hz  
   2) 60 Hz  
7) Mode of Operation:  
   A - Auto  
   B - Manual  
   V - Variac Control  
   T - Tyristor Control  
   A - Tap Changer  
8) Type of Control:  
   8) Type of Control:  
   C - 115/240V, 1Ph  
   D - 240/460, 1Ph  
   E - 240/260, 3Ph  
   F - 240V, 1Ph  
   G - 115/480, 1Ph  
   H - 120V, 1Ph  
9) Cooling:  
   O - Oil Cooled  
   A - Air Cooled  
10) Enclosure Type:  
    H - Hazardous Area Use  
    I - Safe Area Indoor  
    S - Safe Area Outdoor  
11) Special Features:  
    T - Timer  
    F - DC Fuse Alarm  
    O - 115V Outle  
    B - Breather  
    D - Dual Inlet  
    I - Current Interrupter  
    S - Surge Arrester  
    R - Remote Control  
    M - Multi-Channel*  
    N - Remote Monitoring  
    A - Auto Change over

* For Multi-Channel Transformers, Reference No. 3 & 4 shall be indicated as V & I respectively. The details of the channel voltage & Current shall be provided seperately while ordering the Transformer Rectifier.