


TRANSFORMER RECTIFIER

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-A-O-S-BIS The Order Code is supplied with the below reference:

SAMPLE CODE	BS	TR	48	100	A	1	A	A	O	S	BIS
REFERENCE	1	2	3	4	5	6	7	8	9	10	11

Reference Detail:

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

TRANSFORMER RECTIFIER



- Air Cooled
- Oil Immersed
- Explosion Proof
- Special Purpose
- Custom Design
- **ATEX certified**

Standard Rating TR units

10V, 10A	20V, 15A	20V, 20A	25V, 15A	25V, 25A
25V, 50A	50V, 50A	50V, 75A	75V, 75A	100V, 100A