TRANSFORMER RECTIFIER

GENERAL

In Impressed Current Cathodic Protection Systems, DC current shall be impressed to groundbeds and cathodic structures. This DC current are supplied by Transformer Rectifiers.

GENERAL INFORMATION

Site Condition

Min. Ambient Temp. : – 20 °C
Max. Ambient Temp. : + 60 °C
Max. Relative Humidity : 90%

Color

Color : Gray (RAL 7032)
Type of Color : Electro Static Powder

Thickness & Type of Color

- ☐ 70µ Electro Static epoxy
- ☐ 80µ zinc reach epoxy + 80µ polyamide + 70µ polyurethane
- ☐ Hot dipped galvanized

Service Location

- ☐ Outdoor
- ☐ Indoor

Cooling System

- ☐ Oil Immersed (ONAN)
- ☐ Air Natural (AN)
- ☐ Air Forced (AF)

Dimension & Weight
(Without Sun Shade)

Height : …….. mm
Depth: …….. mm
Width : …….. mm
Weight : …….. Kg

IP

- ☐ 42
- ☐ 54
- ☐ 55

ELECTRICAL CHARACTERISTICS

AC Input

Phase : ☐ 1 Ph ☐ 3 Ph

Voltage (V): ☐ 220 ☐ 380 ☐ 400

Frequency : ☐ 50 Hz ☐ 60 Hz

Current : …….. A

DC Output
(V / A)

☐ 25	☐ 10
☐ 30	☐ 25
☐ 50	☐ 50
☐ 75	☐ 75
☐ 100	☐ 100
☐ ….	☐ ….

Output Control Modes

Manual	☐ 63 Steps ☐ Regavolt
Automatic	☐ Constant Current ☐ Constant Voltage ☐ Constant Current & Voltage
Auto - Manual	☐ Automatic & Manual
Smart	☐ Constant Potential (1 R.E.) ☐ Micro Processor Control (… R.E.)

T/R EARTHING

No of Pits

- ☐ 1 Pit
- ☐ 2 pits

Rod Material

- ☐ Hard Drawn Copper
- ☐ Steel Coated Copper

Rod Dimension
(dia. mm × L mm)

- ☐ 14 × 1200
- ☐ 16 × 1200
- ☐ 16 × 1500

Accessories

- ☐ Driving Tip
- ☐ Driving Cap
- ☐ Coupling Screw
- ☐ U Bolt
- ☐ 10m Cable 1×35 Bare
- ☐ Concrete Earth pit