

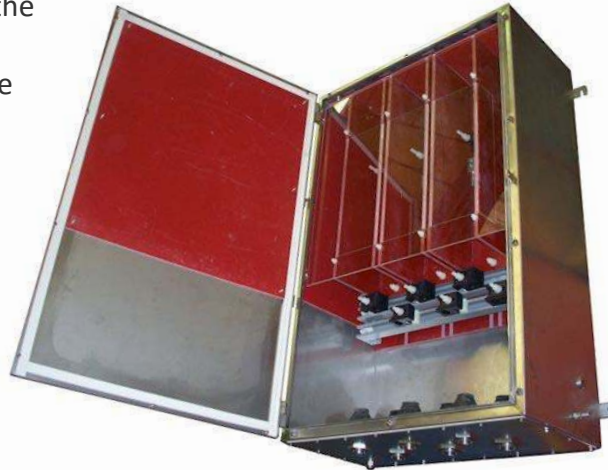


# TFJB Range

36kV

The latest in the high voltage range offering, the TFJB can accept three phase connections via bottom entry only. The unit can accommodate one\* connector per phase in and out.

- Up to 36kV in Zone 1 Areas
- Maximum current 312A
- DTS-01 deluge tested enclosure
- Heavy duty machined hinges with lift off cover pad-lockable cover for easy installation



## Enclosure Ratings

Product Reference	Width (mm)	Height (mm)	Depth (mm)	Power Rating @ T4 (W)	Maximum Voltage (kV)	Maximum Current (A)	Ambient Range	Weight (kg)
TFJB 83 (0-2)	800	1250	400	174	36	312	-20°C to +40°C	98

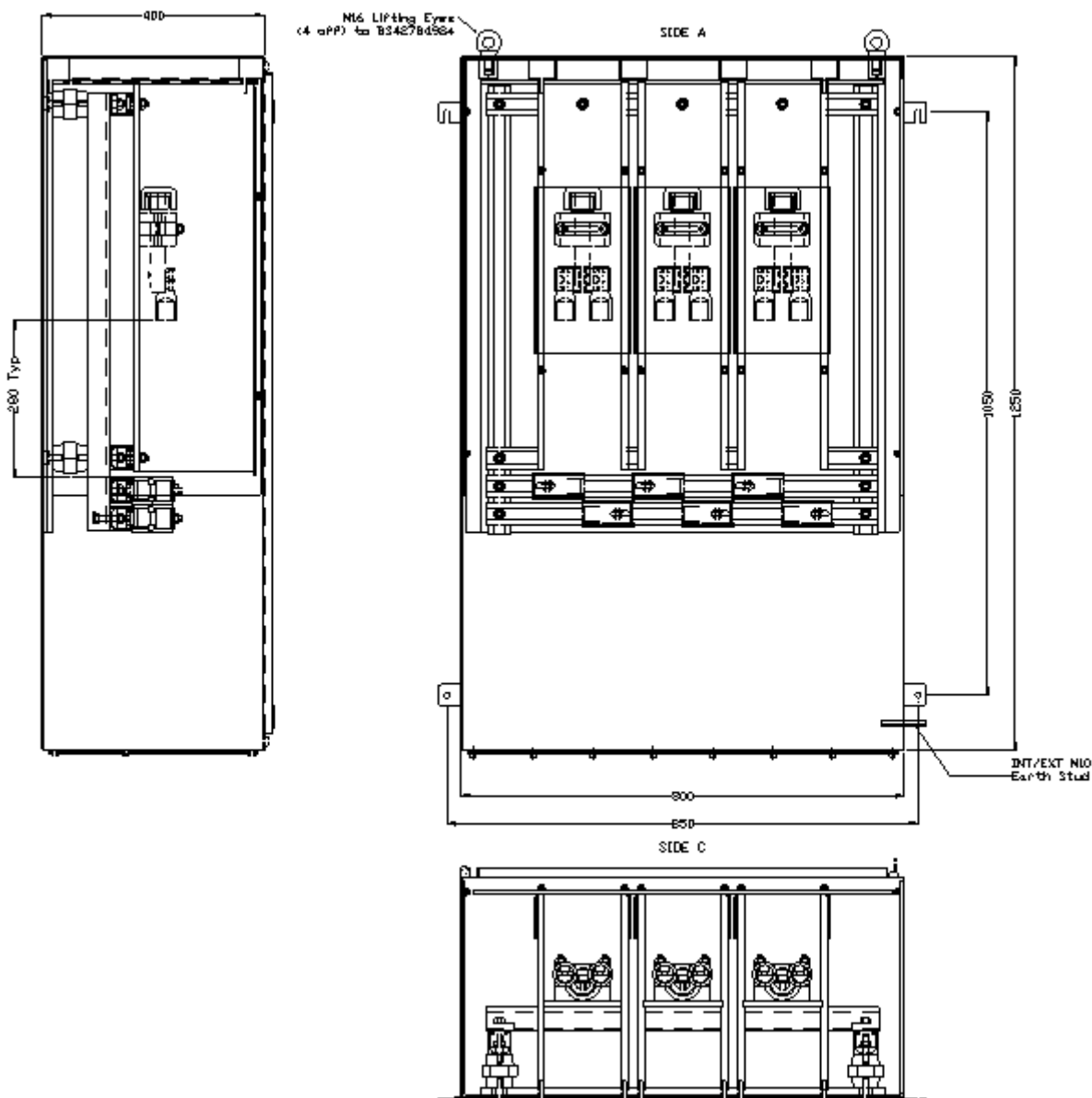
## Standard Specifications

Enclosure Type	High Voltage
Ingress Protection	IP66 to EN60529, Type 4X, DTS-01
Impact Resistance	>7Nm (tested above 10 Nm)
Material	2mm 316L Stainless Steel (EN 1.4404) enclosure with orbital finish, silicone gasket and captive 316 stainless steel fasteners, 3mm 316L (EN 1.4404) Stainless Steel gland plate
Maximum Terminations	1 conductor per phase in & 1 conductor per phase out
No. of Gland Plates	1 bottom side
Crimp Lugs	6mm <sup>2</sup> to 630mm <sup>2</sup>
Earthing	Via studs on enclosure, door and gland plate
Mounting	Via 3mm thick external mounting straps, slotted upper strap for ease of installation
<b>Certification</b>	
Area Classification	Zone 1 & 21, Gas and Dust
Apparatus Coding	Ex II 2 GD T4 Gb, Ex tb IIIC T135°C Db
Certificate Number	Sira 09ATEX3313X

\* Represents standard configuration. Other termination arrangements may be possible, please contact sales for further information



General Arrangement



Options

ACH	Anti-condensation heater
EP	Electro-polished
PS	Epoxy powder coated, smooth finish (RAL colour may be specified)
PT	Epoxy powder coated, Hammer Grey
MB	Mounting boss for eye bolts

Add the required suffix to the product reference.  
Example: TFJBPT = TFJB with Hammer Grey paint finish

Accessories

ABDM2010SS	M20 Breather drain
ABDM2510SS	M25 Breather drain
FBM12EEMS**	M12 Lifting Eye bolts** in mild steel, <i>Note: Requires MB suffix option listed above</i>
FBM16EEMS**	M16 Lifting Eye bolts in mild steel, <i>Note: Requires MB suffix option listed above</i>

\*\*Stainless steel lifting eye bolts also available, contact sales for information