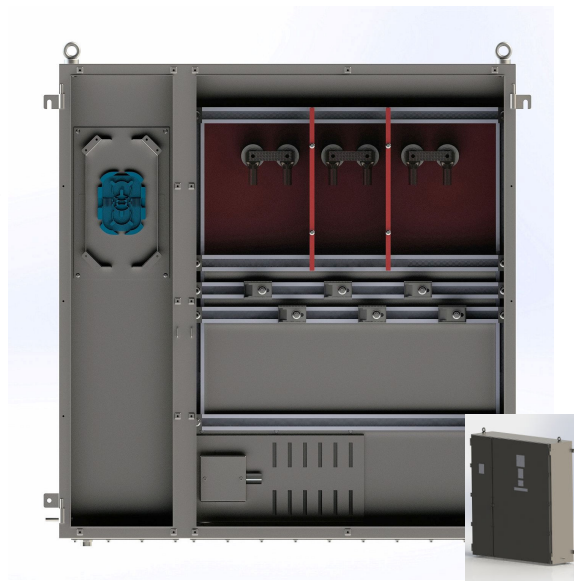


HVJB 125 Range

11kV

The HVJB 125 provides a unique solution for the termination of offshore umbilical cables or onshore distribution systems. The power conductor compartment houses cables up to 11kV. A separate control compartment is used for terminating fibre optic or control cables.

- Work on optical fibres or control conductors without isolating HV supply
- Each compartment independently IP66
- Fault rated 45kA for 1 second
- DTS-01 deluge tested enclosure
- Suitable for low temperature applications



Enclosure Ratings

Product Reference*	Control Location	Width (mm)	Height (mm)	Depth (mm)	Power Rating @ T4 (W)**	Max Voltage (kV)	Max Current (A)	Max No. of Ways	Weight (kg)
HVJB1253(x-x)LH	Left	1200	1250	314	346/173	11	980	3	130
HVJB1254(x-x)LH	Left	1200	1250	314	346/173	11	980	4	130
HVJB1253(x-x)RH	Right	1200	1250	314	346/173	11	980	3	130
HVJB1254(x-x)RH	Right	1200	1250	314	346/173	11	980	4	130

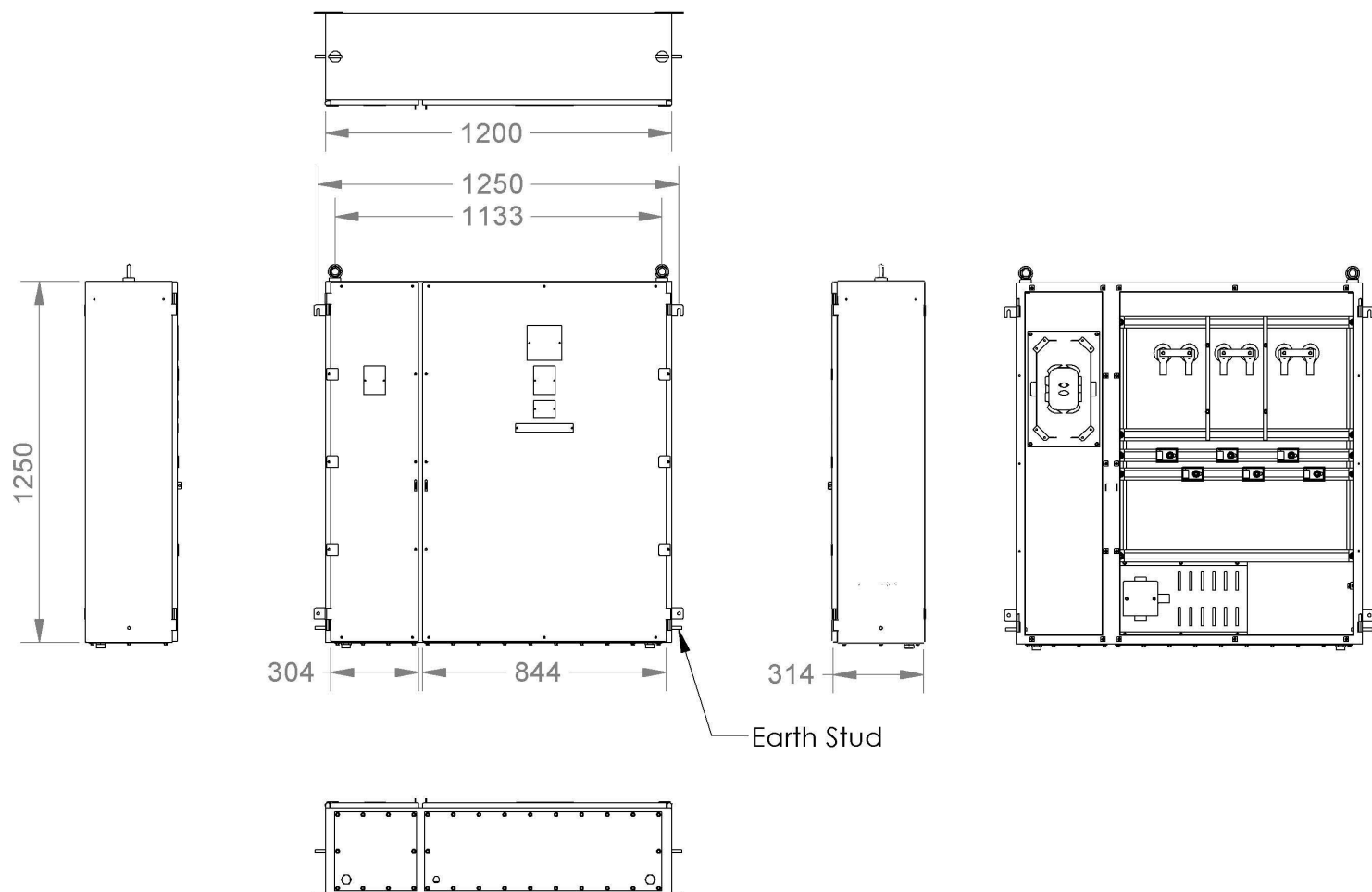
* (x-x) denotes the number of connectors per phase, 1st position = top, 2nd position = bottom. For example: HVJB1253(2-1)LH = 2 x conductors per phase top entry and 1 x conductor per phase bottom entry.

** Power rating is determined by ambient temp range: -20 to +40°C / -50 to +55°C respectively. The higher power rating can also be achieved if the enclosure is marked Ex e IIC T150°C Gb.

Standard Specifications

Enclosure Type	High Voltage
Ingress Protection	IP66/67 to EN60529, Type 4X, DTS-01
Material	316L Stainless Steel (EN 1.4404) enclosure, silicone gasket and 316 stainless steel fasteners
Ambient Temp Rating	-20°C to +40°C or -50°C to +55°C (refer to certificate)
Maximum Terminations	3 conductors per phase in & 3 conductors per phase out
Crimp Lugs	16mm ² to 1000mm ²
Earthing	Via studs on enclosure, door and gland plates
Mounting	Via external mounting feet
Certification	
Area Classification	Zone 1 & 21, Gas and Dust / Class 1 Division 2 / GOST-R
Type of Protection	Ex e (Increased Safety), Ex tb (Dust Protected), Ex op is (optical radiation, inherently safe)
Apparatus Coding	Ex e IIC T4 Gb, Ex tb IIIC T70°C Db / Ex e IIC T150°C Gb, Ex tb IIIC T110°C Db
Certificate Number	ATEX: Sira 02 ATEX3266, Sira 99 ATEX3171X / IECEx: SIR 12.0069, SIR 05.0047X

Dimensions



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
15KV	15kV Zone 2 (ATEX only)
MB	Mounting boss provision for eye bolts

Add the required suffix to the product reference.

Example: HVJB71253(0-3)RHACH = HVJB 125, size 7, 3-way with 3 entries in bottom, right hand control compartment and anti-condensation heater.

Accessories

ABDM2010SS	M20 Breather drain
ABDM2510SS	M25 Breather drain
FSM16EDB2MM	M16 Eye bolts (stainless steel)
FSM16EDB3MM	M16 Eye bolts (stainless steel)



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