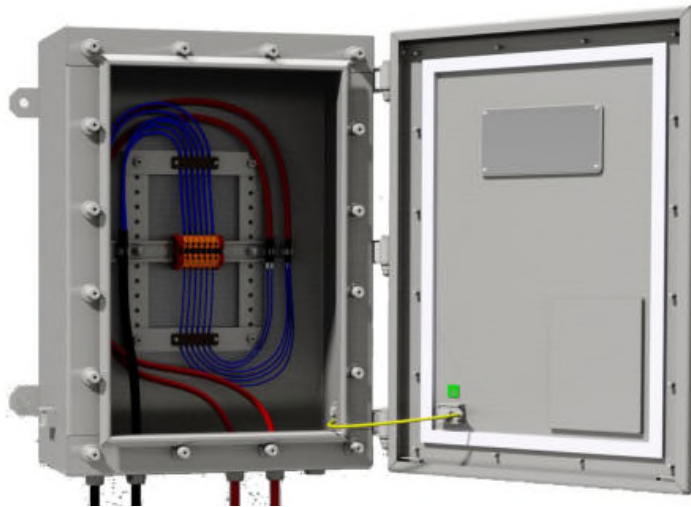


CONTROL JUNCTION BOX



CERTIFIED FOR
INCREASED SAFETY
APPLICATION AREAS

DESCRIPTION:

Our Control Cable Junction Box provides waterproof cable entry for LV topside connection when composite submarine cables includes also the LV part and Clients requires for a segregated entry of the control cable from the main power cable. The CJB is fully provided with inner connectors and earthing to deliver a fully completed solution with IP protection up to IP66 according to ATEX, IEC-Ex and NEMA 4.X Standards.

Upgrading to IP 67 is under process.

Certification by CESI with Certificate No. CESI 16 ATEX 032

Type: II 3G Ex ec IIC T6..T4 Gc; Ex tc IIIC T80..90°C Dc; IP66

Certification by CESI with Certificate No. CESI 16 ATEX 033

Type: III 2G Ex eb IIC T6..T4 Gb; Ex tb IIIC T80..90°C Db; IP66

LIMIT CONDITIONS FOR OPERATION:

For use in an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapours, mists (G), the environmental conditions for operation are:

Continuous operation temperature (COT): -from - 40° C to + 60° C

Pressure: from 80 to 110 (kPa) from 0.8 to 1.1 bar

Oxygen (O₂) in air: 21 (%) v/v

For use in unexplosive atmospheres consisting of a mixture of air and combustible dust (D), the equipment provides a level of effective protection for powders with a particle size average from 75 (µm) to higher.

MATERIAL:

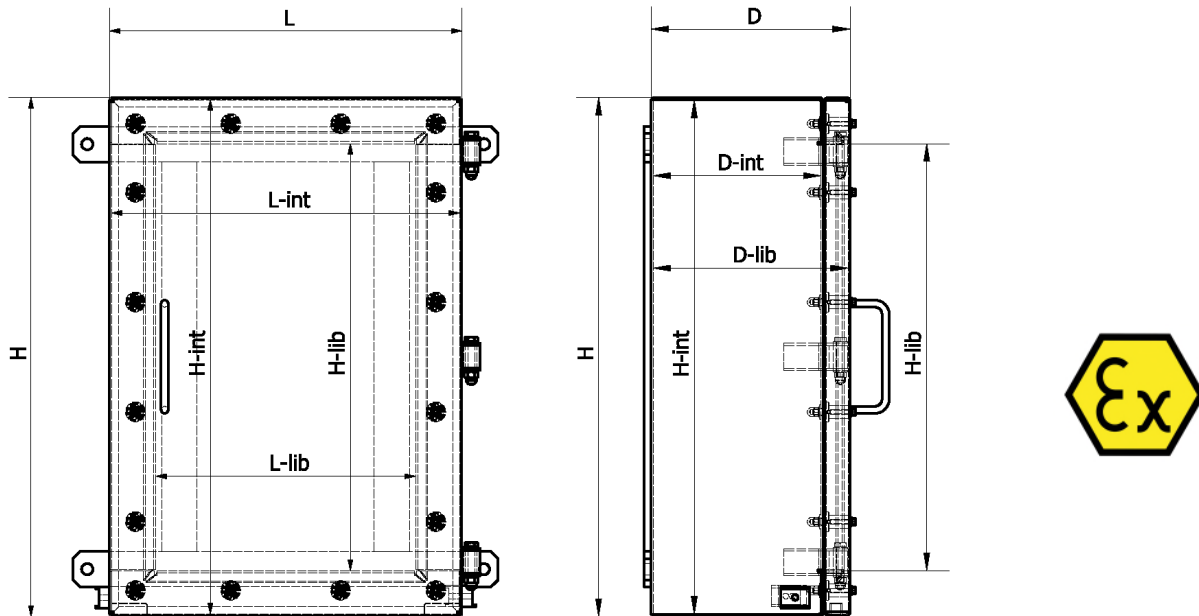
- *Main Body: Carbon steel/alloy steel or SS316L (painting available upon request)*
- *Bolts & Nuts: AISI A4/70*

ENTRY DATA FOR DIMENSIONING:

- *Cable type and diameter*
- *Platform positioning*

CONTROL JUNCTION BOX

TABLE OF DIMENSIONS AND TYPES



CERTIFIED FOR INCREASED SAFETY
APPLICATION AREAS

ID	CODE	CATEGORY	L [mm]	H [mm]	D [mm]	L _{int} [mm]	H _{int} [mm]	D _{int} [mm]	L _{lib} [mm]	H _{lib} [mm]	D _{lib} [mm]	Weight [kg]
1	CJB-02-Ex-2A	CAT. 2	356	506	284	350	500	240	226	376	278	40
	CJB-02-Ex-3A	CAT. 3										
2	CJB-04-Ex-2A	CAT. 2	506	706	284	500	700	240	376	576	278	55
	CJB-04-Ex-3A	CAT. 3										