



IP66

IP66 Stainless Steel Enclosures

MM EE 01505020 - 500x500x200

Stainless Steel Enclosures

Box With Hinged Door, Tubular Door Lock/ Door Locking Screw And without Gland Plate Arrangement

- ATEX Ex e Certificate No: DNV 25 ATEX 27171 U
- IECEx Ex e Certificate No: IECEx DNV 25.0154U

The MM EE Series and MM JB Series Explosion Proof Enclosures are small and medium-sized enclosures, entirely made of stainless-steel material for applications in the oil and gas sector. They are used in harsh environments and offer the maximum protection to the installed components.

Features

- IP66 rated boxes made of AIS I 316L or other special steel materials.
- Enclosure thickness of 1.2mm to 4mm.
- Body with welded and finished corners.
- Door opening at minimum 120° with stainless steel inner hinges, quarter turn tubular lock alternatively cover locking screws, welded and finished corners.
- Silicone rubber gasket permits service-temperature range of - 50°C to +140°C.
- Stainless steel sheet metal plate 2mm thick for mounting internal components/ DIN rails.
- Stainless steel screws.
- These enclosures feature the necessary earthing system. In addition to the internal earthing, the external earthing screw fitted for on-site earthing of the enclosures.
- Fine external Matte finish & Natural buff finish.
- Available as an "Ex component" (U approval) empty enclosure or as a fully certified enclosure-"Ex Equipment" including the installation of terminals.
- One or more gland plates or without gland plates.
- Integrated fixing brackets assure easy fixing.



Explosion Protection for Empty Enclosures ("U" Approval):

II G D

Ex eb IIC Gb

Ex tb IIIC Db IP66

Explosion Protection for Junction Box Enclosures:

II G D

Ex eb IIC Gb

Ex tb IIIC Db IP66

Explosion Protection for Junction Box Enclosures:

II G D

Ex eb IIC T6...T3 Gb - Enclosures with Ex eb terminals

Ex tb IIIC T85°C...T200°C Db IP66

Ex eb ib IIC T6...T3 Gb - Enclosures with IS and Non-IS terminals

Ex tb IIIC T85°C...T200°C Db IP66

Ex ib IIC T6...T3 Gb - Enclosures with Ex i terminals

Ex tb IIIC T85°C...T200°C Db IP66

Ex ec nA IIC T6...T3 Gc - Enclosures with Fuse terminals

Ex tb IIIC T85°C...T200°C Db IP66

Stainless Steel Enclosures Dimensions chart:

Models	MM EE 01505020	Dimensions	
Sizes	500x500x200	A ±3	500
		B ±3	500
Weight	17.20 Kgs	C ±3	200

