



## SEE-IIB Series Explosion Enclosure

Class I Division 1, Group C, D	Zone 1, Zone 2
Class II Division 1, Group E, F, G	Zone 21, Zone 22
Class III	Type 4X, IP66
Ex d IIB T6 Gb	Max.1200A
Ex tb IIIC T80°C Db IP66	

### Applications

- Usage by application: Depends on the application field, explosion proof enclosure can be used in production plants relative to crude oil, fuel gas and liquefied petroleum gas and gas storage plants and anywhere flammable gas, vapor, mist and dust present.
- Function: To put electrical components included but are not limited to circuit breakers, buttons, indicators, relays, terminal blocks in an explosion enclosed protected housing for the relative functions for electrical components in explosive atmosphere.

### Features

- SEE-IIB series explosion proof enclosure, default flameproof enclosure or FLP enclosure, is constructed by flame proof aluminum body and inbuilt increased safety type circuit breakers to be Ex de enclosure and can withstand the explosion brought by flammable gas or dust and prevent the explosion from transmitting into the outer of enclosure in hazardous location. As a classic and mostly used class 1 div 1 enclosure and zone 1 enclosure, this explosion proof enclosure can be used as class 1 div 1 junction box with terminal blocks and explosion proof panel with circuit breakers.
  - Aluminum alloy plane joint smooth flame proof path with low surface roughness to conclude IIB explosion proof standard
  - Flexible hinge to open and hold the heavy cover for convenient future maintenance

### Technical Datasheet

	IEC Standard	EU Standard	NEC & CEC Standard
<b>Compliances</b>	IEC60079-0, IEC60079-1, IEC60079-31 Ex d IIB T6 Gb Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EN60079-0, EN60079-1, EN60079-31 ⚠ II 2 G Ex d IIB Gb ⚠ II 2 D Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.1, Group C, D Class II, Div.1, Group E, F, G Class III
<b>Material</b>	Copper-free aluminium, grey		
<b>Rated Voltage</b>	Max.415V AC		
<b>Rated Current</b>	Max.1200A		
<b>IP Grade</b>	Wet Locations, Type 4X, IP66		
<b>Ambient Temperature</b>	-40°C~ +55°C / -40° F ~ +131° F		

Type

I / II / III / IV / V / VI / VII

### Catalogue Numbering System

SEE-IIB-



#### Enclosure Type

I-Type I	II-Type II	III-Type III	IV-Type IV
V-Type V	VI-Type VI	VII-Type VII	

### Mounting Options & Dimensions (mm/inch)

