



SEE-IIB Series Explosion Enclosure

Class I Division 1, Group C, D
Class II Division 1, Group E, F, G
Class III
Ex d IIB T6 Gb
Ex tb IIIC T80°C Db IP66

Zone 1, Zone 2 Zone 21, Zone 22 Type 4X, IP66 Max.1200A

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

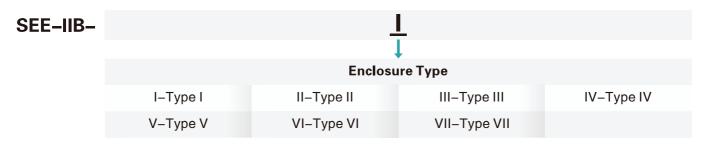
Compliances	IEC Standard IEC60079-0, IEC60079-1, IEC60079-31 Ex d IIB T6 Gb Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EU Standard EN60079-0, EN60079-1, EN60079-31 Il 2 G Ex d IIB Gb Il 2 D Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	NEC & CEC Standard Class I, Div.1, Group C, D Class II, Div.1, Group E, F, G Class III
Material	Copper–free aluminium, grey		
Rated Voltage	Max.415V AC		
Rated Current	Max.1200A		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-40°C~ +55°C /-40° F ~ +13°	1° F	



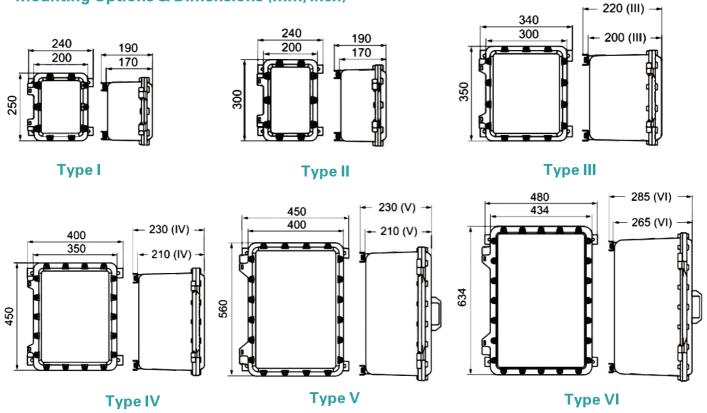
Type

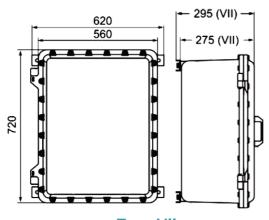
1/II/III/IV/V/VI/VII

Catalogue Numbering System



Mounting Options & Dimensions (mm/inch)





Type VII