



SEE-e Series Explosion Proof Enclosure

Class I Division 2, Group A, B, C, D	Zone 1, Zone 2
Class II Division 1, Group E, F, G	Zone 21, Zone 22
Class III	Type 4X, IP66
Ex e IIC T6 Gb	Max.250A
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

- Explosion proof enclosure SEE-e series whose housing is made of aluminum alloy and increased safety enclosures, work as separate explosion proof junction box function normally through embedding terminal blocks, sometimes explosion proof enclosure SEE-e series only share the electrical terminal function as a part of explosion proof panel when combined with other chambers such as explosion proof power supply, class 1 div 2 miniature circuit breaker. Hazard class division rated class 1 div 2, group A, B, C, D and zone 1, IIC.
 - ➡ Increased safety Ex e aluminum alloy housing with dead four-way cable entries
 - ➡ Factory sealed for the joint between housing and cover to contain the electrical spark

Technical Datasheet

Compliances	IEC Standard	EU Standard	NEC & CEC Standard
	IEC60079-0, IEC60079-7, IEC60079-31 Ex e IIC Gb Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EN60079-0, EN60079-7, EN60079-31 II 2 G Ex e IIC Gb II 2 D Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.2, Group A, B, C, D Class II, Div.1, Group E, F, G Class III
Material	Copper-free aluminium, grey		
Rated Voltage	Max.100V AC		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-60°C~ +60°C /-76° F ~ +140° F		
Cable Entry	Metric or NPT thread type plugs (standard) or cable glands		

Catalogue Numbering System

SEE-e			
I			
Outline Code			
I-Type A	II-Type B	III-Type C	IV-Type IV
V-Type V	VI-Type VI	VII-Type VII	VIII-Type VIII

Mounting Options & Dimensions (mm/inch)

