



SEE-IIC Series Explosion Proof Enclosure

Class I Division 1, 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 d IIC T6 Gb	Max.630A
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

- Designed with longer and more complicated flame path through threaded and plane structure, SEE-IIC series explosion proof enclosure is an aluminum alloy FLP enclosure to tough the inner probable explosion and cut off the possibility of explosion for the outer environment. Via installing with explosion proof electrical components, this explosion proof enclosure can be used as class 1 div 1 junction box with terminal blocks and explosion panel with circuit breakers for gas group A, B, C, D and gas group IIC. Customized configuration handle operators, direction and numbers of cable entries and explosion proof cable glands.
 - ➡ Aluminum alloy spigot joint with long cylindrical joint and plane joint of flame proof path to meet IIC explosion proof standard
 - ➡ Special Opening feet on cover for convenient opening with flat wrench to protect the flame proof path

Technical Datasheet

Compliances	IEC Standard	EU Standard	NEC & CEC Standard
	IEC60079-0, IEC60079-1, IEC60079-31 Ex d IIC 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 IIC Gb ⚠ II 2 D Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.1, Group A, B, C, D Class II, Div.1, Group E, F, G Class III
Material	Copper-free aluminium, grey		
Rated Current	Max.630V AC		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-40°C~ +55°C /-40° F ~ +131° F		
Type	I / II / III / IV / V / VI		

Catalogue Numbering System

SEE-IIC-	I		
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	Enclosure Type		
	I-Type I	II-Type II	III-Type III
	IV-Type IV	V-Type V	VI-Type VI

Mounting Options & Dimensions (mm/inch)

