

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.

Ex tb IIIC T80°C Db IP66

 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 IEC60079–0, IEC60079–1, IEC60079–31 Ex d IIC 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 IIC Gb II 2 D Ex tb IIIC Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	NEC & CEC Standard 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		
Туре	1/11/111/1V/V/VI		

www.sureall-light.com

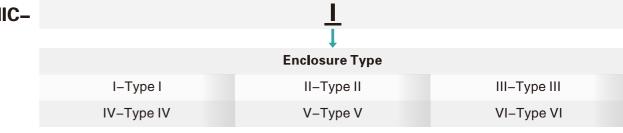
SEE-IIC Series Explosion Proof Enclosure

- Class I Division 1, Group A, B, C, D Zone Class II Division 1, Group E, F, G Zone Class III Type Ex d IIC T6 Gb Max.6
 - Zone 1, Zone 2 Zone 21, Zone 22 Type 4X, IP66 Max.630A

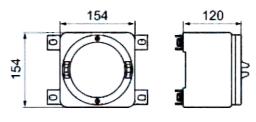
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Catalogue Numbering System

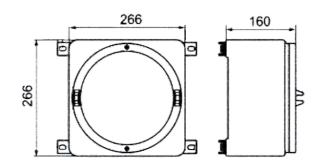
SEE-IIC-



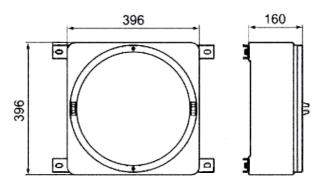
Mounting Options & Dimensions (mm/inch)





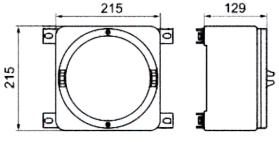




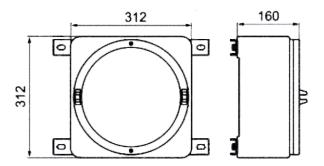




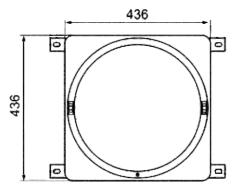


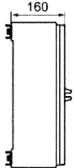


Type II



Type IV





Type VI