

Exguangs®

Ex



Products catalogue

ZHEJIANG GUANGSHUN EXPLOSION-PROOF ELECTRIC CO., LTD



Company Profile

Zhejiang Guangshun Explosion-proof Electric Co., Ltd. is located in Wenzhou, Zhejiang, the core industrial base for explosion-proof electrical equipment in China.

We have over ten years of experience in R&D and manufacturing of explosion-proof electrical appliances and lighting fixtures. Adopting advanced international designs, innovative processing techniques and special materials, we develop high-performance products suitable for harsh environments such as cold regions and offshore platforms, with excellent explosion-proof, corrosion-proof, waterproof and dust-proof performance.

Our product range covers explosion-proof lights, electrical devices, fans and pipe fittings. Products are widely used in hazardous areas with flammable & explosive substances including petroleum, chemical, coal, natural gas, offshore exploitation and combustible dust industries. We also supply projects for military, fire protection, railway, tunnel and port sectors.

Following the R&D principle of "Safety, Energy Saving & Environmental Protection", we offer complete product matching, customized services and integrated solutions for explosion-proof electrical and professional lighting systems, and enjoy high reputation in the industry.



Production Workshop



Production Equipment



Spectrum Curve Tester

CONTENNTS

A	LightingSeries	A/01–A/04	H	Stainless Steel Luminaire Series	H/01–H/03
B	Floodlight Series	B/01–B/03	I	Tri-proof Luminaire Series	I/01
C	Floodlight & Platform Light Series	C/01	J	Stainless Steel Electrical Series	J/01–J/03
D	Street Light Series	D/01–D/02	K	Stainless Steel Pipe Fittings Series	K/01–K/02
E	Solid State Lighting Luminaire Series	E/01–E/03	L	Explosion-proof Electrical Series	L/01–L/03
F	Mine Lighting Series	F/01–F/02	M	Explosion-proof Pipe Fittings Series	M/01–M/02
G	Other Explosion-proof Luminaire Series	G/01–G/03	O	Explosion-proof Corrosion-resistant & Tri-proof Electrical Series	O/01–O/04

Explosion-proof Knowledge

Classification & Selection of Electrical Equipment for Explosive Gas Atmospheres

Hazardous Area Classification

Zone 0: Explosive gas atmosphere exists continuously or for long periods.

Zone 1: Explosive gas atmosphere may form during normal operation.

Zone 2: Explosive gas atmosphere unlikely under normal operation; it occurs only occasionally and for a short time if present.

Equipment Protection Level (EPL)

EPL Ga: Very high protection level. It will not act as an ignition source under normal operation, expected faults and rare faults.

EPL Gb: High protection level. It will not act as an ignition source under normal operation and expected faults.

EPL Gc: General protection level. Safe under normal operation; additional protection prevents ignition under fault conditions.

Area	Type of Protection	Code	EPL	National Standard	Protection Measures
Zone0	Intrinsically safe	ia	Ga	GB3836.4	Limit ignition source energy
	GB3836.15	GB3836.15 Clause 12.3		/	/
Zone1	Flameproof enclosure	d	Gb	GB3836.2	Isolate ignition sources
	Increased safety	e		GB3836.3	Prevent ignition sources
	Intrinsically safe	i		GB3836.4	Limit ignition source energy
	Pressurized enclosure	p		GB3836.5	Separate hazards & ignition sources
	Oil immersion	o		GB3836.6	Separate hazards & ignition sources
	Sand filling	q		GB3836.7	Separate hazards & ignition sources
	Encapsulation	m		GB3836.9	Prevent ignition sources
	Special protection	s		GB3836.15	5.2.4
Zone2	Non-sparking	n	Gc		
	Special protection	s		GB3836.15	5.2.4
	Zone0、Zone1	/		/	

IEC 60079-14 specifies that type "e" equipment may be used in Zone 1.

According to domestic requirements, permitted type "e" equipment for Zone 1 is limited to:

- Terminal boxes that produce no sparks, arcs or hazardous temperatures in normal operation, including devices with "d" or "m" main structure and "e" wiring terminals;
- Type "e" low-voltage induction motors equipped with qualified thermal protection (GB3836.4-2010);
- Single-cap type "e" fluorescent luminaires.

GSD51- series

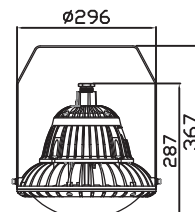
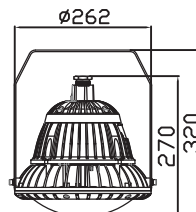
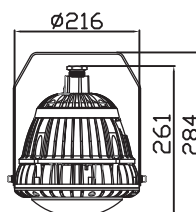
Flameproof LED Light



◆ Rated Voltage: AC220V50/60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) / CTN(per carton):
20W~60W * $\phi 216 \times H284$ *4.65kg*4 pcs
80W~120W * $\phi 262 \times H320$ *6.55kg*4 pcs
150W~200W * $\phi 296 \times H367$ *7.45kg*2 pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80℃;
◆ Lm/W: $\geq 110\text{lm/W}$;
◆ CCT: 2700-6500K (On request) ;
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14\text{mm}$
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall, Pendant Rod, Flange, Guardrail, etc.



GSD52- series

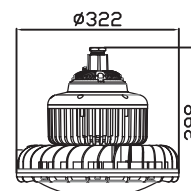
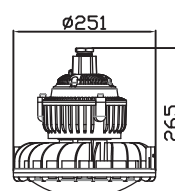
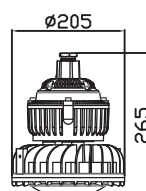
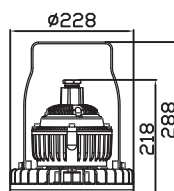
Flameproof LED Light



◆ Rated Voltage: AC220V50/60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) / CTN(per carton):
20W~50W * $\phi 228 \times H288$ *4.40kg*4 pcs
20W~50W * $\phi 205 \times H288$ *4.2kg*4 pcs
60W~100W * $\phi 251 \times H288$ *5.45kg*4 pcs
120W~200W * $\phi 322 \times H320$ *9.2kg*2 pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80℃;
◆ Lm/W: $\geq 110\text{lm/W}$;
◆ CCT: 2700-6500K (On request) ;
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14\text{mm}$
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall, Pendant Rod, Flange, Guardrail, etc.



GSD53- series

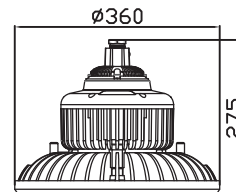
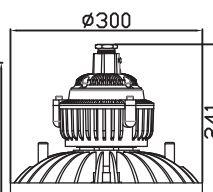
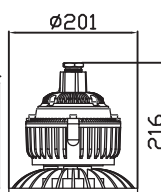
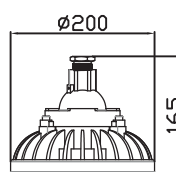
Flameproof LED Light



◆ Rated Voltage: AC220V50/60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) / CTN(per carton):
30W~50W * $\phi 201 \times H216$ *3.0kg*4 pcs
60W~100W * $\phi 300 \times H241$ *5.15kg*4 pcs
120W~200W * $\phi 360 \times H275$ *8.8kg*2 pcs
20W~40W * 200×165 *2.0kg*4 pc

◆ Lm/W: $\geq 110\text{lm/W}$;
◆ CCT: 2700-6500K (On request) ;
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14\text{mm}$
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall, Pendant Rod, Flange, Guardrail, etc.



GSD54- series

(Wide Beam)Flameproof LED Light

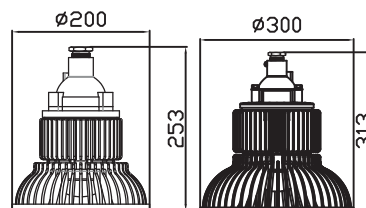


◆ Rated Voltage: AC220V50/
60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) /
CTN(per carton):
30W~50W* $\phi 200 \times H253$ *3.0kg*4 pcs
60W~100W* $\phi 216 \times H261$ *6.15kg*4 pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80 °C;

◆ Lm/W: ≥ 110 lm/W;
◆ CCT: 2700-6500K (On request);
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14$ mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



GSD55- series

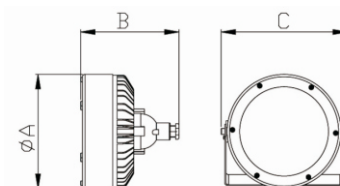
(Driverless)Flameproof LED Light



◆ Rated Voltage: AC220V50/
60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) /
CTN(per carton):
20W~40W* 120×140 *1.60kg*4 pcs
50W~60W* 235×136 *3.65kg*4 pcs
80W~120W* 295×150 *6.35kg*4 pcs
150W~160W* 335×150 *8.05kg*2 pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80 °C;
◆ Lm/W: 90~110lm/W (AC LED Engine)
◆ CCT: 2700-6500K (On request);
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14$ mm
◆ Color: Black
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



GSD56- series

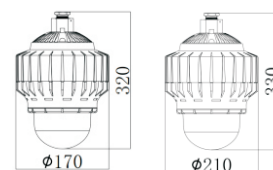
Flameproof LED Light



◆ Rated Voltage: AC220V50/
60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) /
CTN(per carton):
20W-50W* 320×170 * 3.55 kg*4 pcs
50W-100W* 330×210 * 4.6 kg*4 pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80 °C ;
◆ Lm/W : ≥ 110 lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14$ mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



GSD57- series

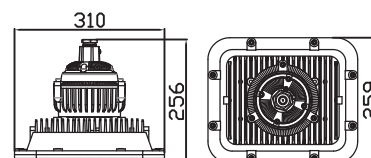
Flameproof LED Light



◆ Rated Voltage: AC220V50/
60Hz (Available on request);

◆ Power*Dimension*Weight(per pc) /
CTN(per carton):
30W-100W* 310×256 *5.85kg*1pc

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80 °C ;
◆ Lm/W : ≥ 110 lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable $\phi 10 \sim 14$ mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



GSD58- series

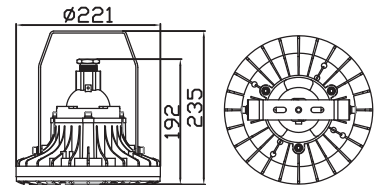
Flameproof LED Light



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) / CTN
(per carton) :
20W-50W*221×192*2.5kg*4pc

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66
T80°C ;
◆ Lm/W : ≥110lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable Φ10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall, Pendant Rod,
Flange, Guardrail, etc.



GSD59- series

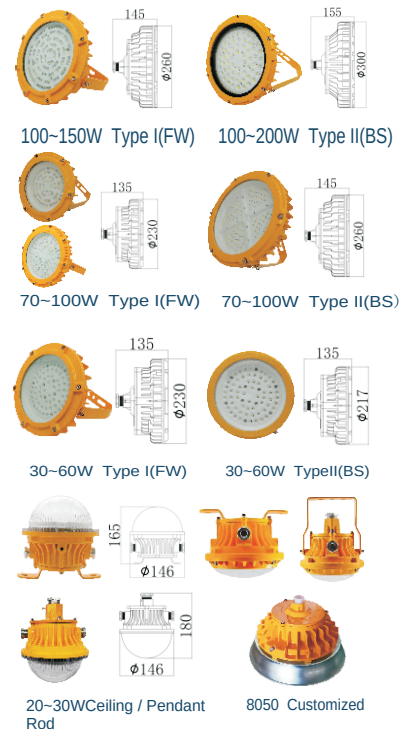
Flameproof LED Light



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

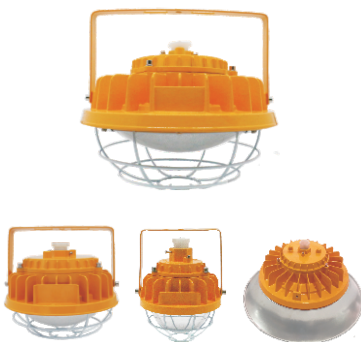
◆ Power*Dimension(w/o bracket)*Weight (with
bracket) / CTN (per carton) :
20W~30W*146×165*1.25kg*16pcs(Ceiling Mount)
20~30W*146×180*1.25kg*16pcs(Pendant Rod)
30~60W*230x135*2.6kg*8pcs(Type I)
30~60W*217x135*2.6kg*8pcs(Type II)
70~100W*230x135*2.45kg*6pcs(Type I)
70~100W*230x135*2.45kg*6pcs(Type II)
100~150W*260x145*3.65kg*4pcs(Type I)
100~200W*300x155*5.45kg*4pcs(Type II)

◆ Lm/W : 110lm/W ;
◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66 T80°C
;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable Φ 10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.
◆ CRI: Ra>75



GSD60- series

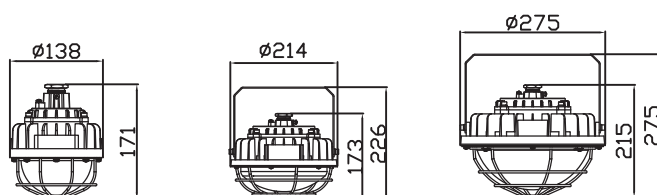
Explosion-proof LED Light



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) / CTN
(per carton) :
20W~30W *138×171 *1.1kg *12pcs;
40W~50W*214×173*2kg*6pcs;
60W~100W *275×215 *3.2kg*4pcs;

◆ Ex Marking: ExdIICT6Gb/
ExtDA21 IP66T80°C ;
◆ Lm/W : ≥110lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable Φ
10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



GSD61- series

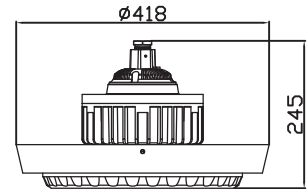
Flameproof LED Light



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) /
CTN (per carton) :
200~300W* ϕ 418×245*11.75kg*1pc ;

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80°C ;
◆ Lm/W : ≥ 110 lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable ϕ 10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



GSD62- series

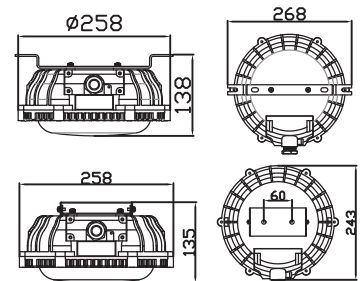
Explosion-proof LED Ceiling Luminaire



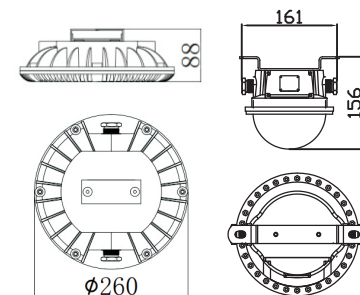
◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) /
CTN (per carton) :
10W~15W *161×153 *1.0kg*16pcs
20W~30W*258×138*2.65kg*6pcs(Bracket Mount)
20W~30W*258×138*2.65kg*6pcs(Ceiling)
30W~60W*260×88 *2.6kg*6pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21IP66T80°C ;
◆ Lm/W : ≥ 110 lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable ϕ 10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Ceiling, Wall (with bracket)



BLX 20~30W Bracket Mount/Ceiling



ZYXD30~60W Ceiling BLX10~15W Bracket Mount

GSD63- series

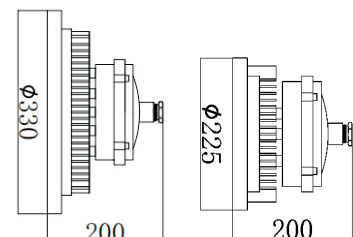
Flameproof LED Light



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) /
CTN (per carton) :
20W~60W*225×200 *3.1kg
80W~120W*330×200*5.6kg

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80°C ;
◆ Lm/W : ≥ 110 lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable ϕ 10~14mm
◆ Color: Light Grey
◆ Mounting Type: Ceiling, Wall, Pendant Rod,
Flange, Guardrail, etc.

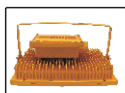


GSD64- series

Flameproof LED Flood Luminaire



240~300W



120~200W



50~120W



30~70W



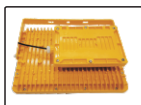
150~300W



100~200W



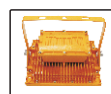
30~100W



100~200W



50~100W



100~200W



30~100W

◆ Rated Voltage : AC220V50/60Hz

(Available on request)

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80°C;

◆ Equipped with constant current driver, featuring overvoltage and short-circuit protection.

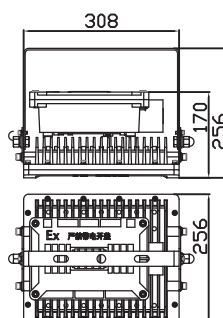
◆ Lm/W : ≥ 110 lm/W ;

◆ CCT : 2700-6500K(On request)

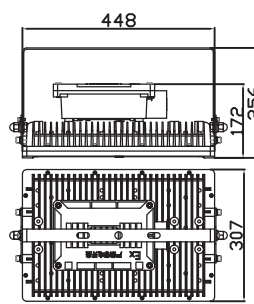
◆ Cable Gland: G3/4", Cable $\Phi 10 \sim 14$ mm

◆ Color: Light Grey

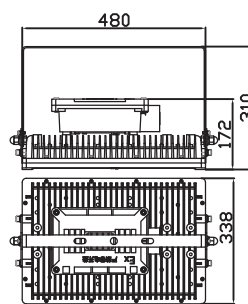
◆ Mounting Type: Ceiling, Wall,
Pendant Rod, Flange, Guardrail, etc.



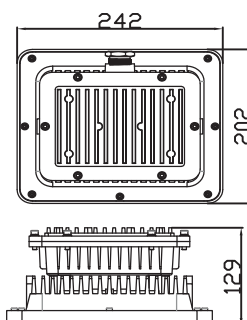
971 50~100W



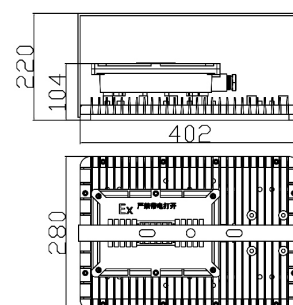
972 120~200W



973 240~300W



Mini97 30~70W



KFD 100~200W

30-70W*242×202×129*3.1kg*8pcs

50-100W*308×256×170*8.20kg*1pcs

120-200W *448×307×172 *12.55kg*1pcs

240-300W *480×338×172 *17.50kg*1pcs

100-200W*402×280×220*5.7kg*1pcs

50-100W*310×250×200*5.4kg*1pcs

30-100W*280×220×170*3.5kg*1pcs

100-200W*320×260×170*5.2kg*1pcs

GSD65- series

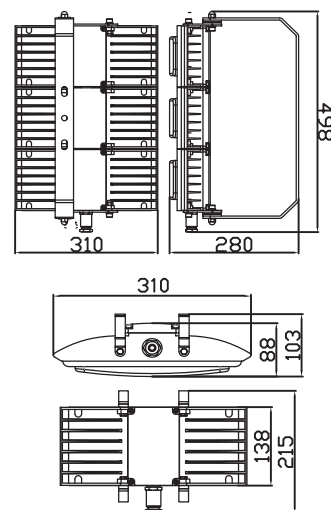
Flameproof LED Flood Luminaire



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) / CTN (per carton) :
Single Module:50W*310×138×88*2.45kg*1pcs
Triple Module:150W*498×310×88*8.6kg*1pc

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66 T80℃ ;
◆ Lm/W : ≥110lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable Φ10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Bracket, Pendant Rod, etc.



GSD66- series

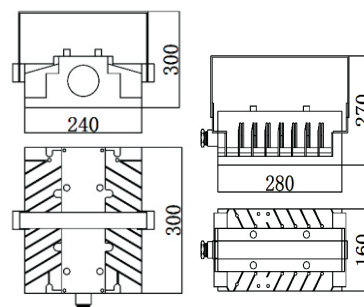
Flameproof LED Flood Luminaire



◆ Rated Voltage : AC220V50/60Hz
(Available on request) ;

◆ Power*Dimension*Weight(per pc) / CTN
(per carton) :
30-100W*280×160×270*4.5kg*2pcs
100-150W*300×300×240*6.05kg*1pcs

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66T80℃ ;
◆ Lm/W : ≥110lm/W ;
◆ CCT : 2700-6500K(On request)
◆ Cable Gland: G3/4", Cable Φ10~14mm
◆ Color: Yellow / Light Grey
◆ Mounting Type: Bracket, Pendant Rod



GSD67- series

(Dual-piece)Flameproof LED Flood Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Ex Marking: ExdIICT6Gb/ExtDA21 IP66 T80℃ ;

◆ Equipped with constant current driver, featuring overvoltage and short-circuit protection.

◆ Lm/W : 110lm/W ;

◆ CCT : 2700-6500K(On request)

◆ Cable Gland: G3/4", Cable Φ 10~14mm

◆ Color: Yellow / Light Grey

◆ Mounting Type: Ceiling, Wall,Pendant Rod, Flange, Guardrail, etc.

◆ Power*Dimension*Weight(per pc) / CTN (per carton) :

360-400W *620×450×172 * 27kg*1pcs

GSD68- series

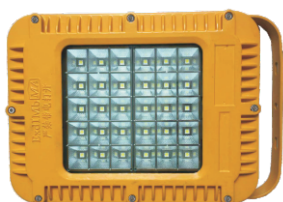
Flameproof LED Flood Luminaire



- ◆ Rated Voltage : AC220V50 Hz ;
- ◆ Lm/W : Single Module100W ;
- ◆ Flux: 20000lm (Cool White)
18000lm (Warm White)
- ◆ Avg. Lifespan: 50000h
- ◆ Ex Marking : ExnAmbIICT3Gb/Extd A21
IP66 T195℃ ;
- ◆ Corrosion Grade: WF2
- ◆ Imported LED source, high efficacy & long lifespan. Optimized light distribution; floodlight / spotlight optional, CCT: Warm White / Cool White available.
- ◆ Color: Yellow / Light Grey
- ◆ Excellent sealing & corrosion resistance, suitable for long-term outdoor exposure under sun and rain. Separated chambers for light source and driver suppress heat island effect, lower temperature of LED and driver to extend service life. Equipped with U-bracket, supporting base, side wall and ceiling mounting.

GSD69- series

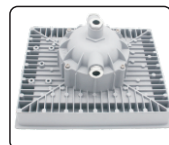
Flameproof LED Flood Luminaire



- ◆ Ex Marking : ExdembIICT6 ;
- ◆ Rated Voltage : AC220V 50/60Hz (Available on request) ;
- ◆ Lm/W : 30W~120W ;
- ◆ Flux : 6000 ~ 8000Lm ;
- ◆ Protection Grade: IP66
- ◆ Corrosion Grade: WF2
- ◆ Cable Gland: G3/4", Cable Φ10~14mm
- ◆ CCT : 2700-6500K(On request)
- ◆ Luminous Efficacy: ≥120lm/W
- ◆ Color: Yellow / Light Grey
- ◆ Supports base, side wall and ceiling mounting

GSD70- series

Flameproof LED Flood Luminaire



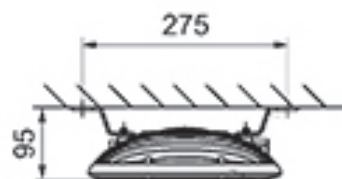
- ◆ Suitable for Zone 1, Zone 2 hazardous gas locations
- ◆ Suitable for IIA, IIB, IIC explosive gas atmospheres
- ◆ Suitable for Zone 21, Zone 22 combustible dust locations
- ◆ Ex Marking: Ex d II C T6 Gb ExtDA21IP66T80℃ ;
- ◆ Power / Dimension:
80-150W / 375×315×200 mm
40-80W/295×295×200 mm
- ◆ Housing adopts die-cast aluminum alloy with shot-blasted and electrostatic powder coating finish.
- ◆ Unique aerodynamic grid heat dissipation structure ensures efficient heat dissipation.
- ◆ High borosilicate tempered glass provides high impact resistance.
- ◆ All external fasteners and accessories are made of high corrosion-resistant stainless steel.
- ◆ Luminous Efficacy: 90~120lm/W (AC light engine);
- ◆ CCT: 5000-6500K (Available on request);
- ◆ Cable Entry: G3/4" , suitable for φ 10mm~φ14mm cables;
- ◆ Mounting Type: Ceiling, wall, flange and guardrail mounting.

GSD71- series

Flameproof LED Flood Luminaire



- ◆ Rated Voltage : AC220V50/60Hz
- ◆ Ex Marking : ExdIICT5 Gb/ExtDA21 IP66T80℃ ;
- ◆ Rated Power: 30W~100W
- ◆ Luminous Efficacy: ≥110lm/W
- ◆ Weight: 3.75kg
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Dimension: φ148×230/280/305/355
- ◆ Packing Quantity: 1PC/Box
- ◆ Cable Entry: G3/4" , suitable for φ 10mm~φ14mm cables
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Ceiling, wall, pendant, flange and guardrail mounting



GSD72- series

Flameproof LED Flood Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Power * Dimension * Weight :
40W~120W * 363×276×100 * 7.0kg ;

- ◆ Ex Marking: Ex d II C T4 / T6
- ◆ IP Rating: IP66
- ◆ Corrosion Grade: WF2
- ◆ Cable Entry Thread: G3/4"
- ◆ Luminous Efficacy: ≥110lm/W
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Cable Entry: G3/4 ", suitable for φ10mm~φ14mm cables
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Wall, ceiling and recessed mounting

GSD73- series

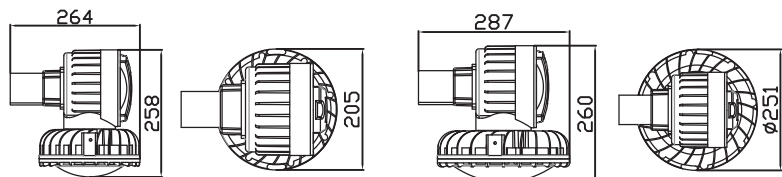
Flameproof LED Platform Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Power * Dimension * Weight :
30W~50W * 264×258 * 4.5kg
60W~100W * 287×260 * 5.5kg

- ◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80°C;
- ◆ Luminous Efficacy: ≥110lm/W
- ◆ Cable Entry: G3/4 ", suitable for φ10mm~φ14mm cables
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Street light mounting



GSD74- series

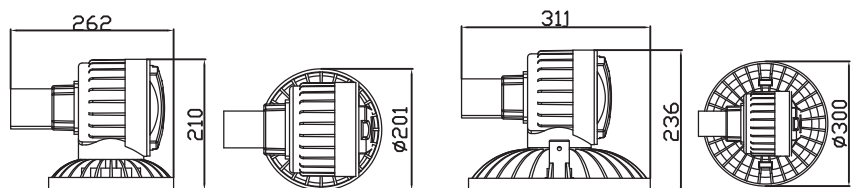
Flameproof LED Platform Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Power * Dimension * Weight :
30W~50W * 262×210 * 3.2kg
60W~100W * 311×236 * 4.9kg

- ◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80°C;
- ◆ Luminous Efficacy: ≥110lm/W
- ◆ Cable Entry: G3/4 ", suitable for φ10mm~φ14mm cables
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Street light mounting



GSD75- series

Flameproof LED Street Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Power*Dimension*Weight(per pc) / CTN(per carton) :

40W~100W*398×256×170*8.15kg*1pcs

120W~200W*448×307×172*12.35kg*1pcs

240W~300W*480×338×172*17.0kg*1pcs

◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80℃;

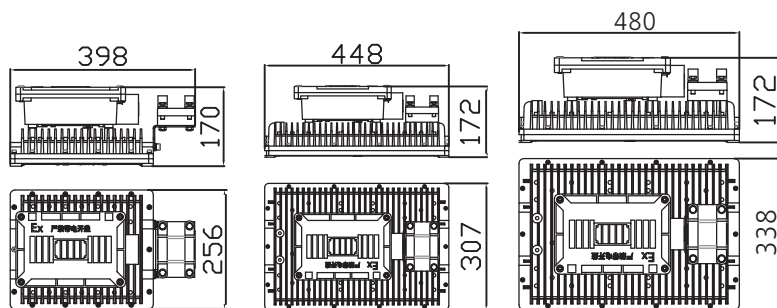
◆ Luminous Efficacy: ≥110lm/W

◆ Cable Entry: G3/4", suitable for φ10mm~φ14mm cables

◆ CCT: 2700-6500K (Available on request)

◆ Color: Yellow / Light Grey

◆ Mounting Type: Street light mounting (Fits Ø50 street pole)



GSD76- series

Flameproof LED Street Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request)

◆ Power*Dimension*Weight(per pc) / CTN(per carton) :

50W~120W*470*190(Type I)

150W~240W *547×245(Type II)

150W~240W *547×245(Type III)

150W~240W *547×245(Type IV)

◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80℃;

◆ Luminous Efficacy: ≥110lm/W

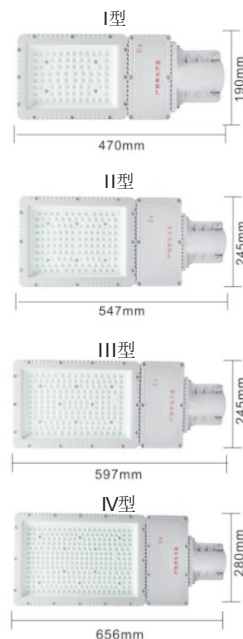
◆ Suitable for Zone 1, Zone 2 explosive gas locations

◆ Suitable for IIA, IIB, IIC explosive gas atmospheres

◆ CCT: 2700-6500K (Available on request)

◆ Color: Yellow / Light Grey

◆ Mounting Type: Street light mounting (Fits Ø50 street pole)



GSD77- series

Flameproof LED Street Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Power*Dimension*Weight(per pc) / CTN(per carton) :

30-100W*340×160×120*4.6kg*2pcs

100-150W*370×240×120*6.1kg*1pcs

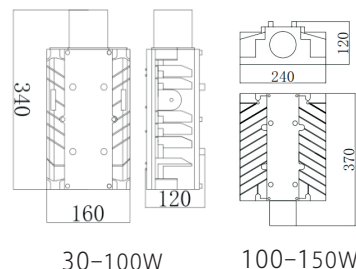
◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80℃;

◆ Luminous Efficacy: ≥110lm/W

◆ Cable Entry: G3/4", suitable for φ10mm~φ14mm cables

◆ CCT: 2700-6500K (Available on request)

◆ Color: Yellow / Light Grey



GSD78- series

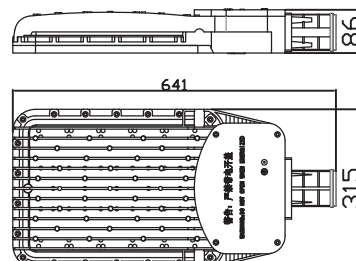
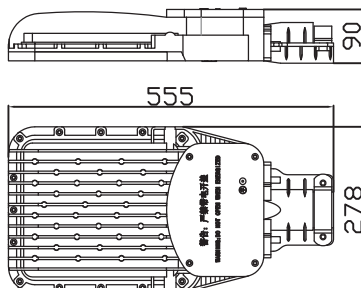
Flameproof LED Street Luminaire



◆ Rated Voltage : AC220V50/60Hz (Available on request)

◆ Power*Dimension*Weight(per pc) / CTN(per carton) :
50W~120W*555x278x90*7.5kg*1pc
150W~240W *641x315x86*10.3kg*1pc

- ◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80°C;
- ◆ Luminous Efficacy: $\geq 110\text{lm/W}$
- ◆ Suitable for Zone 1, Zone 2 explosive gas locations
- ◆ Suitable for IIA, IIB, IIC explosive gas atmospheres
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Street light mounting (Fits $\varnothing 60$ street pole)



GSD79- series

Flameproof LED Street Luminaire

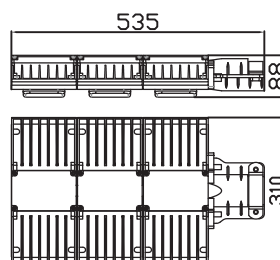
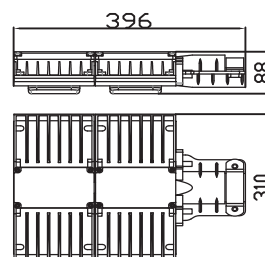


◆ Rated Voltage : AC220V50/60Hz (Available on request)

◆ Power*Dimension*Weight(per pc) / CTN(per carton) :
Dual Module: 100W * 396x310x88 * 5.35kg * 1PC
Triple Module: 150W * 535x310x88 * 8.8kg * 1PC

◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80°C;

- ◆ Transparent cover made of PC material, high light transmittance and strong impact resistance.
- ◆ Modular structure design with fully sealed LED modules; different power combinations available as required.
- ◆ Luminous Efficacy: $\geq 110\text{lm/W}$
- ◆ Cable Entry: G3/4", suitable for $\varnothing 10\text{mm}$ ~ $\varnothing 14\text{mm}$ cables
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Street light mounting



GSD80- series

Flameproof LED Street Luminaire

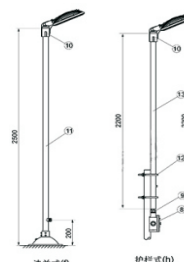
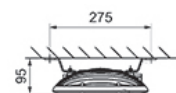


◆ Rated Voltage : AC220V50/60Hz (Available on request) ;

◆ Weight / PackingQty: 4.15kg / 1PC per carton
◆ Dimension: $\varnothing 148 \times 230/280/305/355$

◆ Ex Marking : ExdIICT6 Gb/ExtDA21 IP66T80°C;

- ◆ RatedPower: 30W~80W
- ◆ Equipped with direct-powered LED modules, featuring long service life and high colorrendering.
- ◆ Ultra-thin structural design with smooth and dynamiccurved outline.
- ◆ Luminous Efficacy: $\geq 110\text{lm/W}$
- ◆ Cable Entry: G3/4", suitable for $\varnothing 10\text{mm}$ ~ $\varnothing 14\text{mm}$ cables
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Mounting Type: Flange, guardrail, street light mounting



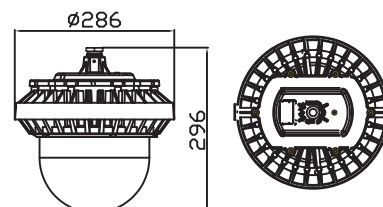
GSD81- series

Fixed Maintenance-free LED Anti-glare Platform Luminaire



- ◆ Rated Voltage : AC/DC24V~220V
- ◆ Light Source Power: 60W~120W
- ◆ IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Insulation Class: I
- ◆ Cable Entry Thread: G3/4"
- ◆ Weight: 5.35kg
- ◆ Suitable Cable Diameter: 8~12mm
- ◆ Packing Qty: 4PCS per carton
- ◆ Color: Light Grey
- ◆ Mounting Type: Ceiling, wall, pendant, flange, guardrail and bracket mounting

◆ Adopted integrated design with high luminous efficiency and high light utilization rate, large illumination area, 360° all-round lighting and even illuminance. Soft light with no glare.



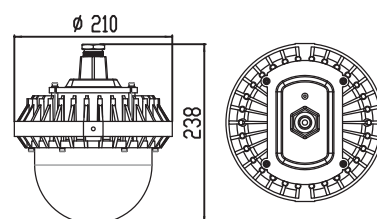
GSD82- series

Fixed Maintenance-free LED Anti-glare Platform Luminaire



- ◆ Rated Voltage : AC/DC24V~220V
- ◆ Light Source Power: 30W~50W
- ◆ IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Insulation Class: I
- ◆ Cable Entry Thread: G3/4"
- ◆ Weight: 2.45kg
- ◆ Suitable Cable Diameter: 8~12mm
- ◆ Packing Qty: 4PCS per carton
- ◆ Color: Light Grey
- ◆ Mounting Type: Ceiling, wall, pendant, flange, guardrail and bracket mounting

◆ Adopted integrated design with high luminous efficiency and high light utilization rate, large illumination area, 360° all-round lighting and even illuminance. Soft light with no glare.

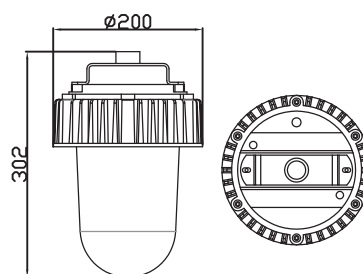


GSD83- series

Fixed Anti-glare Flood Luminaire



- ◆ Rated Voltage : AC/DC24V~220V
- ◆ Light Source Power: 30W~80W
- ◆ Corrosion Grade: WF2
- ◆ Weight: 4.1kg
- ◆ Packing Qty: 4PCS per carton
- ◆ Six-sided light emission to meet full-space lighting requirements
- ◆ Color: Light Grey
- ◆ Mounting Type: Ceiling, pendant, chain suspension mounting



GSD84- series

Fixed High Bay Luminaire



- ◆ Input Voltage: AC220V
- ◆ Input Frequency: 50Hz
- ◆ Light Source Type: LED
- ◆ Light Source Power: 40W, 50W, 60W, 80W, 100W IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Suitable Cable Diameter: Φ8mm~Φ14mm
- ◆ Special light-diffusing material delivers uniform light and anti-glare effect.
- ◆ High-quality LEDs, good heat dissipation, L70>50,000h, maintenance-free.
- ◆ High-reliability driver: full-bridge design, potting, wide voltage.
- ◆ Mounting Type: Wall, ceiling, pendant mounting

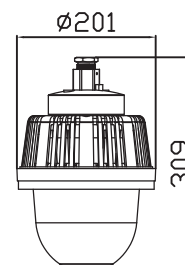
GSD85- series

Fixed



- ◆ Rated Voltage: AC/DC 24V ~ 220V
- ◆ Rated Power: 30W-60W
- ◆ Corrosion Grade: WF2
- ◆ Weight: 3.35kg
- ◆ Packing Qty: 4PCS/carton
- ◆ Optimized light distribution, high efficiency & utilization, 360° omnidirectional lighting, uniform illuminance, soft glare-free light.
- ◆ Separated light source chamber improves heat dissipation and extends LED service life.
- ◆ Hollow structure realizes inner air circulation, further boosting heat dissipation and LED lifespan.

- ◆ Adopts threaded, flat and cylindrical flameproof structures for reliable explosion protection.
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Ceiling, wall, pendant, flange, guardrail mounting



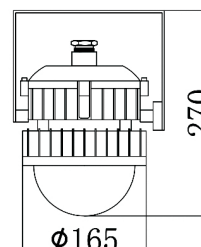
GSD86- series

Fixed



- ◆ Rated Voltage: AC220V 50/60Hz (Available on request)
- ◆ Ex marking: ExdIICT6Gb/ExtDA21 IP66 T80°C
- ◆ Rated Power: 30W-50W
- ◆ Corrosion Grade: WF2
- ◆ Weight: 2.3kg
- ◆ Packing Qty: 4PCS/carton
- ◆ Optimized light distribution, high efficiency & utilization, 360° omnidirectional lighting, uniform illuminance, soft glare-free light.

- ◆ Threaded, flat and cylindrical flameproof structure ensures reliable explosion resistance.
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Ceiling(x), wall, pendant, guardrail(h), flange(f) mounting



GSD87- series

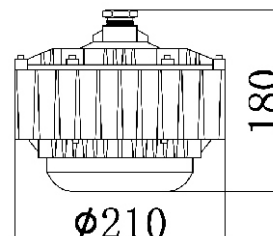
Fixed



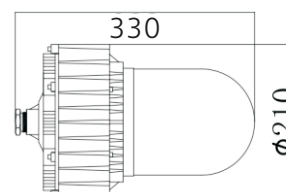
9182-S

9182-L

- ◆ Rated Voltage: AC220V 50/60Hz (Available on request)
- ◆ Ex marking: ExdIICT6Gb/ExtDA21 IP66 T80°C
- ◆ Rated Power: 30W-50W
- ◆ Corrosion Grade: WF2
- ◆ Power*Dimension*Weight(per pc) / CTN
- 9182-S*210×180 * 2.6kg *4pcs
- 9182-L*330×210*2.9kg/4.4kg*4pcs
- ◆ Color: Yellow / Light Grey
- ◆ Mounting Type: Ceiling(x), wall, pendant, guardrail(h), flange(f) mounting



9182-S



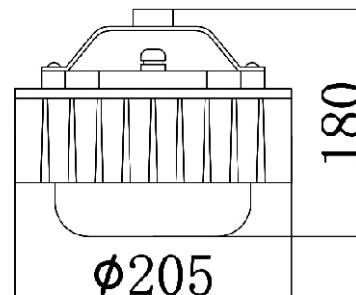
GSD88- series

Fixed LED Platform Luminaire



◆ Rated Voltage: AC220V 50/60Hz
(Available on request)

- ◆ LED Power: 20W~50W
- ◆ IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Insulation Class: I
- ◆ Cable Entry Thread: G3/4
- ◆ Weight: 2.35kg
- ◆ Packing Qty: 6PCS/carton
- ◆ Dimension: 175*275mm
- ◆ Cable Range: 8~12mm



GSD89- series

Fixed LED Platform Luminaire



- ◆ Input Voltage: AC220V
- ◆ Input Frequency: 50Hz
- ◆ Light Source: LED
- ◆ LED Power: 50W, 60W, 80W, 100W
- ◆ Insulation Class: I
- ◆ IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Optimized light distribution, high efficiency & utilization, 360° omnidirectional lighting, uniform illuminance, soft glare-free light.
- ◆ Color: Grey
- ◆ Cable Range: $\Phi 8\text{mm} \sim \Phi 14\text{mm}$
- ◆ Mounting Type: wall, ceiling, pendant, chain suspension

GSD90- series

Fixed High Bay Luminaire



- ◆ Input Voltage: AC220V
- ◆ Input Frequency: 50Hz
- ◆ Light Source: LED
- ◆ LED Power: 40W, 50W, 60W, 80W, 100W, 150W, 200W, 230W, 250W
- ◆ Insulation Class: I
- ◆ IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Cable Range: $\Phi 8\text{mm} \sim \Phi 14\text{mm}$
- ◆ Professional simulated light distribution, special transparent component, high luminaire efficiency.
- ◆ Glare-free & flicker-free, reduce fatigue & misoperation.
- ◆ Special diffuser, uniform lighting, anti-glare.
- ◆ High-quality LEDs, good heat dissipation, low temp, L70>50,000h, maintenance-free.
- ◆ High-reliability driver, full-bridge tech, potting, wide voltage input.
- ◆ Mounting Type: wall, ceiling, pendant, chain suspension

GSD90- series

Fixed



- ◆ Input Voltage: AC220V (Range: AC90~305V)
- ◆ Input Frequency: 50/60Hz (Range: 47~63Hz)
- ◆ LED Power: 70W, 105W, 140W, 200W
- ◆ Insulation Class: I
- ◆ IP Rating: IP65
- ◆ Corrosion Grade: WF2
- ◆ Weight: 70W/5.4kg, 105W/6.7kg, 140W/8.0kg
- ◆ Cable Range: $\Phi 8\text{mm} \sim \Phi 12\text{mm}$
- ◆ Independent thermal system, high heat dissipation, long service life.
- ◆ Potted driver, meets Ex requirements with good heat dissipation & waterproof performance, high reliability.
- ◆ Multi-stage surge protection, enhanced safety under lightning conditions.
- ◆ IP65 enclosure, reliable for indoor & outdoor applications.
- ◆ Multiple mounting options: base, wall, ceiling.

GSD91- series

Mine Flameproof LED Tunnel Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 15W, 18W
- ◆ Illuminance (3M): $\geq 20\text{Lx}$
- ◆ Cable Entry: $\Phi 8\text{-}14\text{mm}$
- ◆ Dimension: $\Phi 145 \times 115\text{mm}$
- ◆ Weight: 2.3Kg, 2.8Kg

GSD92- series

Mine Flameproof LED Tunnel Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 24W, 30W, 36W
- ◆ Illuminance (3M): $\geq 30\text{Lx}$, $\geq 40\text{Lx}$, $\geq 50\text{Lx}$
- ◆ Cable Entry: $\Phi 8\text{-}14\text{mm}$
- ◆ Dimension: $\Phi 148 \times 202\text{mm}$
- ◆ Weight: 1.8Kg

GSD93- series

Mine Flameproof LED Tunnel Luminaire



DGS50

DGS70

- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 50W, 70W
- ◆ Illuminance (3M): $\geq 50\text{Lx}$
- ◆ Cable Entry: $\Phi 8\text{-}14\text{mm}$
- ◆ Dimension: 50W/ $\Phi 182 \times 363\text{mm}$; 70W/ $\Phi 320 \times 150\text{mm}$
- ◆ Weight: 50W/3.8Kg; 70W/3.5Kg

GSD94- series

Mine Flameproof LED Tunnel Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 24W, 30W, 36W
- ◆ Illuminance (3M): $\geq 30\text{Lx}$, $\geq 35\text{Lx}$, $\geq 35\text{Lx}$
- ◆ Cable Entry: $\Phi 8\text{-}14\text{mm}$
- ◆ Dimension: $\Phi 190 \times 205\text{mm}$
- ◆ Weight: 2.2Kg

GSD95- series

Mine Flameproof LED Tunnel Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 36W
- ◆ Illuminance (3M): $\geq 35\text{Lx}$
- ◆ Cable Entry: $\Phi 8-14\text{mm}$
- ◆ Dimension: $\Phi 185 \times 190\text{mm}$
- ◆ Weight: 2.6Kg

GSD96- series

Mine Flameproof LED Tunnel Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 24W, 30W, 40W
- ◆ Illuminance (3M): $\geq 30\text{Lx}$, $\geq 35\text{Lx}$
- ◆ Cable Entry: $\Phi 8-14\text{mm}$
- ◆ Dimension: $245 \times 165 \times 85\text{mm}$
- ◆ Weight: 2.85Kg

GSD97- series

Mine Flameproof LED Tunnel Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 50W, 60W, 80W
- ◆ Illuminance (3M): $\geq 50\text{Lx}$, $\geq 75\text{Lx}$, $\geq 85\text{Lx}$
- ◆ Cable Entry: $\Phi 8-14\text{mm}$
- ◆ Dimension: $300 \times 220 \times 115\text{mm}$
- ◆ Weight: 4.0Kg

GSD98- series

Mine Flameproof LED Fluorescent Luminaire



- ◆ For underground coal mines with methane & coal dust explosion risks, roadway & chamber lighting.
- ◆ LED cold light source, high efficiency, low power & temp, long life, compact structure.
- ◆ Input Voltage: 85-265V
- ◆ Rated Power: 18W, 20W
- ◆ Illuminance (3M): $\geq 20\text{Lx}$, $\geq 25\text{Lx}$
- ◆ Cable Entry: $\Phi 8-14\text{mm}$
- ◆ Dimension: $\Phi 118 \times 735\text{mm}$, $\Phi 106 \times 720\text{mm}$
- ◆ Weight: 3.4Kg, 3.5Kg

GSD99- series

Phase Change Series Flameproof LED Luminaire



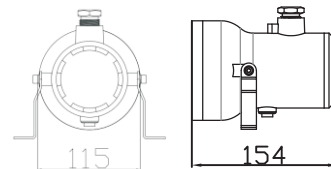
- ◆ Rated Voltage: AC220V 50/60Hz (Available on request)
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Rated Power: 30W~300W (Heatsink Φ160, Φ200, Φ280, Φ330)
- ◆ Composite phase-change cooling, high-density channel heat sink
- ◆ Luminous Efficacy: ≥110lm/W (AC light engine)
- ◆ Surge Voltage: 4000V
- ◆ Corrosion Grade: WF2
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables
- ◆ Mounting: ceiling, wall, pendant, flange, guardrail

GSD100- series

Sight Glass Luminaire



- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB, IIC explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Weight: 0.85kg, 1.30kg
- ◆ Rated Voltage: DC12V, DC24V, AC36V, 110V, 220V
- ◆ Rated Power: 3W, 5W, 7W, 10W
- ◆ Color: Yellow / Snow Grey
- ◆ Cable Entry: G1/2" , fits Φ6~10mm cables
- ◆ Mounting: ceiling, wall, pendant, base type



GSD101- series

Flameproof & Corrosion-resistant LED Aviation Obstruction Luminaire



- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB, IIC explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Rated Voltage: DC12V, DC24V, AC36V, 110V/220V/380V
- ◆ Dimension: Φ200×H300mm
- ◆ Light control sensitivity: 50Lx~400Lx; Flash rate: 16.7~60 times/min (standard) or 8.35~60 times/min
- ◆ Power: Low intensity ≤10W, Medium intensity ≤40W, High intensity ≤100W
- ◆ Multi-lamp synchronous control (wired or wireless)
- ◆ Corrosion Grade: WF2
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables

GSD102- series

Explosion-proof Emergency Luminaire



- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB explosive gas groups.
- ◆ Suitable for temperature classes T1~T6.
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V
- ◆ IP Rating: IP65
- ◆ Color: Snow Grey
- ◆ Auto emergency function, emergency duration >90min
- ◆ LED light source, low power consumption, long service life, high efficiency & energy saving
- ◆ Optimized structure, lightweight alloy housing, dustproof, waterproof, impact resistant
- ◆ 3.7V 2200mAh eco lithium-ion battery; Complies with new national explosion-proof standards
- ◆ Mounting: wall, ceiling

GSD103- series

Explosion-proof Sign Luminaire



- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Suitable for temperature classes T1~T6.
- ◆ Ex Marking: ExdIIBT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V
- ◆ IP Rating: IP65
- ◆ Color: Snow Grey
- ◆ Auto emergency function, emergency duration>120min, emergency start-up time 0.3s.
- ◆ Mounting: wall, ceiling

GSD104- series

Fire Emergency Sign Luminaire



- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Suitable for temperature classes T1~T6.
- ◆ Rated Voltage: AC220V (Other voltages available on request)
- ◆ Main power: <6W, Auxiliary power: <6W
- ◆ Emergency Duration: 120min / 90min
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Charging Time: <24h
- ◆ Weight: 3.62kg
- ◆ Dimension: 351×196×72mm
- ◆ Mounting: wall, ceiling

GSD105- series

Explosion-proof LED Fluorescent Luminaire



- ◆ Rated Voltage: AC220V/50Hz
- ◆ Rated Power: 18(×2)W, 24(×2)W, 30(×2)W, 48(×2)W, 60(×2)W
- ◆ Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Luminous Efficacy: 90~120lm/W (AC light engine)
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables
- ◆ Mounting: ceiling, wall, chain suspension, pendant, flange, guardrail

GSD106- series

Explosion-proof & Corrosion-resistant LED Fluorescent Luminaire



Type I

Type II

Type III

- ◆ Suitable for Zone 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB, IIC explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Ex Marking: ExnAIICT4Gc / ExtDA20 IP66 T80°C
- ◆ Moulded polycarbonate housing, withstands 7J impact and offers superior anti-corrosion performance.
- ◆ Suitable for Φ10~14mm cables.
- ◆ Emergency unit optional on request. Automatically switch to emergency lighting upon power failure, single-tube emergency, emergency duration ≥90min. Fluorescent lamp power: 18W, 36W, 48W, 60W.
- ◆ Mounting: flange, guardrail, bent pole, ceiling, chain suspension, wall, pendant

GSD107- series

Explosion-proof Audible & Visual Alarm



Type I



Three-color



Type II



Type III



Type IV

- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB, IIC explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Rated Voltage: DC12V, DC24V, AC36V, 110V/220V
- ◆ Color: Lithium Grey
- ◆ Rated Power: 5W~10W
- ◆ Sound Intensity: ≥90dB
- ◆ Light Source: LED
- ◆ Alarm flash modes: continuous rotating (standard), steady on, frequency flashing, strobe flashing
- ◆ Cable Entry: G3/4" , fits Φ6~10mm cables

GSD108- series

Fire Emergency LED Luminaire



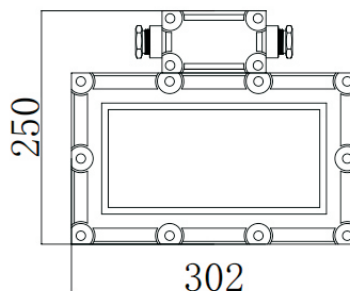
- ◆ Suitable for Zone 1, 2 hazardous areas with explosive gas atmosphere.
- ◆ Applicable for IIA, IIB explosive gas groups.
- ◆ Suitable for Zone 21, 22 combustible dust atmosphere.
- ◆ Suitable for temperature classes T1~T6.
- ◆ Rated Voltage: AC220V (Other voltages available on request)
- ◆ Main power: <6W, Auxiliary power: <6W
- ◆ Emergency Duration: 120min / 90min
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Charging Time: <24h
- ◆ Weight: 3.82kg
- ◆ Dimension: 351×196×72mm
- ◆ Mounting: wall, ceiling

GSD109- series

Explosion-proof Electronic Clock



- ◆ Rated Voltage: AC220V
- ◆ Rated Power Consumption: <4W
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Weight: 3.1kg
- ◆ Dimension: 360×300×120mm
- ◆ Color: Lithium Grey
- ◆ Cable Entry: G3/4" , fits Φ6~10mm cables



GSD110- series

Clean Type Dust Explosion-proof LED Luminaire



- ◆ Rated Voltage: AC220V/50Hz
 - ◆ Rated Power: 40W~80W, 100W~150W
 - ◆ Power & Dimension: 40-80W: 400×380mm; 100-150W: 400×420mm
 - ◆ Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
 - ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
 - ◆ Housing Material: SS304/SS316 + PC cover
 - ◆ E27 screw base design for easy lamp replacement
 - ◆ Multiple low-power LEDs arranged evenly; constant-temperature low-voltage output.
- Vents evenly distributed on aluminum substrate for 360° thermal convection cooling.
Long service life, constant-current IC driver, flicker-free

GSD111- series

Clean Type Dust Explosion-proof LED Luminaire



- ◆ Rated Voltage: AC220V/50Hz, DC12V, AC36V/50Hz, DC24V
 - ◆ Rated Power: 18W, 20W, 24W, 30W
 - ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
 - ◆ Constant current adjustment function; short-circuit & open-circuit protection.
- Complies with CE/UL safety standards and RoHS requirements
- ◆ Luminous Efficacy: $\geq 120\text{lm/W}$
 - ◆ CCT: 2700-6500K (Available on request)
 - ◆ Corrosion Grade: WF2
 - ◆ Housing Material: SS304/SS316
 - ◆ Dimension: 18-20W: $\Phi 208 \times H162\text{mm}$; 24-30W: $\Phi 248 \times H172\text{mm}$
 - ◆ Cable Entry: G3/4" , fits $\Phi 10\sim 14\text{mm}$ cables
 - ◆ Mounting: ceiling, recessed, pendant

GSD112- series

Explosion-proof & Corrosion-resistant LED Aviation Obstruction Luminaire



- ◆ Rated Voltage: AC220V/50Hz, AC36V/50Hz, AC/DC12V, AC/DC24V (Available on request)
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Light control sensitivity: 50lx~400lx; Flash rate: 16.7-60 times/min (standard) or 8.35-60 times/min
- ◆ Low intensity power $\leq 10\text{W}$, Medium intensity power $\leq 40\text{W}$, High intensity power $\leq 100\text{W}$
- ◆ Multi-light synchronous control mode (wired or wireless synchronization)
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + PC cover
- ◆ Dimension: $\Phi 200 \times H300\text{mm}$
- ◆ Cable Entry: G3/4" , fits $\Phi 10\sim 14\text{mm}$ cables

GSD113- series

Explosion-proof & Corrosion-resistant LED Emergency Luminaire



- ◆ Ex Marking: ExdIICT6 Gb
- ◆ Rated Voltage: AC220V/50Hz
- ◆ Corrosion Grade: WF2
- ◆ Light Source: LED
- ◆ Charging Time: 24h
- ◆ Discharge Duration: $\geq 120\text{min}$
- ◆ Housing Material: SS304/SS316
- ◆ Auto switch to emergency mode; equipped with over-discharge and over-charge protection
- ◆ Monthly & annual self-test function. Automatic monthly discharge, revert to normal power after 120s emergency operation

GSD114- series

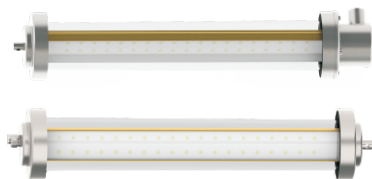
Stainless Steel Series Flameproof LED Luminaire



- ◆ Rated Voltage: AC220V/50Hz (AC180V~300V)
- ◆ Rated Power: 50W~100W
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Luminous Efficacy: 90~110lm/W (AC light engine)
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Surge Voltage: 4000V
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316
- ◆ Dimension: $\Phi 148 \times 230/280/305/355\text{mm}$
- ◆ Cable Entry: G3/4" , fits $\Phi 10\sim 14\text{mm}$ cables
- ◆ Mounting: ceiling, pendant, chain suspension, flange, guardrail

GSD115- series

Clean Type Dust Explosion-proof LED Tubular Luminaire



- ◆ Rated Voltage: AC220V/50Hz
- ◆ Rated Power: 0.6m – 9W, 20W; 0.9m – 14W, 30W; 1.2m – 18W–60W
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Light transmittance: 95% for clear cover, 90% for opal cover
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + PC cover
- ◆ Dimension: 0.6m: Φ125×640mm; 0.9m: Φ125×950mm; 1.2m: Φ125×1260mm
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables
- ◆ Mounting: ceiling, pendant, chain suspension, flange, guardrail

GSD116- series

Recessed Clean Type Dust Explosion-proof LED Luminaire



- ◆ Rated Voltage: AC220V/50Hz
- ◆ Rated Power: 0.6m – 9W×2, 20W×2; 1.2m – 18W×2, 24W×2, 30W×2, 48W×2, 60W×2
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Light transmittance: 95% for clear cover, 90% for opal cover
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + PC
- ◆ Dimension: 0.6m: 680×197×55mm; 1.2m: 1340×197×61mm
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables
- ◆ Mounting: ceiling, recessed, pendant, chain suspension, flange, guardrail

GSD117- series

Stainless Steel Sight Glass Luminaire



- ◆ Rated Voltage: AC220V/36V, DC12V, DC24V
- ◆ Rated Power: 5W~12W
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Luminous Efficacy: ≥120lm/W
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316
- ◆ Dimension: Φ145×H175mm
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables
- ◆ Mounting: ceiling, recessed, pendant

GSD118- series

Explosion-proof & Corrosion-resistant Audible & Visual Alarm



- ◆ Rated Voltage: AC220V/36V, AC/DC12V/24V (Other voltages available on request)
- ◆ Ex Marking: ExdibIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Sound Level: ≥90dB
- ◆ Alarm flash modes: continuous rotating (standard), steady on, frequency flashing, strobe flashing
- ◆ Luminance of single LED: Red, Amber, Orange >3000mcd; Blue >5000mcd; Green, White >10000mcd
- ◆ Lumen depreciation: <8% after 20000h
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + PC cover (glass cover optional)
- ◆ Dimension: Φ125×H170mm
- ◆ Cable Entry: G3/4" , fits Φ10~14mm cables

GSD119- series

Explosion-proof & Corrosion-resistant LED Sign Luminaire



- ◆ Ex Marking: ExdeIICT6 Gb
- ◆ Rated Voltage: AC220V/50Hz
- ◆ Corrosion Grade: WF2
- ◆ Light Source: LED 3W
- ◆ Charging Time: 24h
- ◆ Discharge Duration: ≥120min or ≥45min
- ◆ Emergency Switching Time: <0.3s
- ◆ Housing Material: SS304/SS316
- ◆ Over-charge, over-discharge and short-circuit protection built-in
- ◆ Steady luminaire; keeps lighting under normal and emergency mode. Automatically switch to emergency mode upon mains power failure
- ◆ Monthly & annual self-test function. Automatic monthly discharge, revert to mains power after 120s emergency operation

GSD120- series

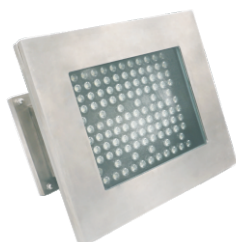
Explosion-proof LED Flood Luminaire



- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Adopts special constant-current power supply with distributed driver design, Power Factor ≥ 0.95
- ◆ Brand LED light source, Luminous Efficacy $\geq 120\text{lm/W}$, high CRI, low lumen depreciation, low power consumption and long service life
- ◆ Bracket structure, 360° omnidirectional illumination with uniform illuminance and large coverage area
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Rated Power: 30~200W
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + borosilicate tempered glass
- ◆ Cable Entry: G3/4", fits $\Phi 10\sim 14\text{mm}$ cables
- ◆ Mounting: ceiling, bracket, street light type

GSD121- series

Explosion-proof LED Projector Luminaire



- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Multi-LED lens potting design ensures uniform heat dissipation for light source
- ◆ Different lenses optional for various projection requirements, realizing multiple lighting effects on the same luminaire
- ◆ Special constant-current power supply with distributed driver design, Power Factor ≥ 0.95
- ◆ Brand LED light source, Luminous Efficacy $\geq 120\text{lm/W}$
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Rated Power: 30~200W
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + borosilicate tempered glass
- ◆ Cable Entry: G3/4", fits $\Phi 10\sim 14\text{mm}$ cables
- ◆ Mounting: ceiling, bracket, street light type

GSD122- series

Explosion-proof LED Ceiling Luminaire



- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Ceiling-mounted structure
- ◆ Special constant-current power supply with distributed driver design, Power Factor ≥ 0.95
- ◆ Brand LED light source, Luminous Efficacy $\geq 120\text{lm/W}$
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Rated Power: 30~50W
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + borosilicate tempered glass
- ◆ Cable Entry: G3/4", fits $\Phi 10\sim 14\text{mm}$ cables
- ◆ Mounting: ceiling, wall-mounted

GSD123- series

Explosion-proof LED Flood Luminaire



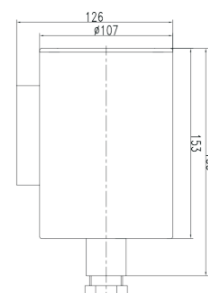
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Modular splicing design, power combination available as required
- ◆ Special constant-current power supply with distributed driver design, Power Factor ≥ 0.95
- ◆ Brand LED light source, Luminous Efficacy $\geq 120\text{lm/W}$
- ◆ Bracket structure, 360° omnidirectional illumination
- ◆ Rated Power: 30~50W
- ◆ CCT: 2700-6500K (Available on request)
- ◆ Corrosion Grade: WF2
- ◆ Housing Material: SS304/SS316 + borosilicate tempered glass
- ◆ Cable Entry: G3/4", fits $\Phi 10\sim 14\text{mm}$ cables
- ◆ Mounting: ceiling, bracket, street light type

GSD124- series

Stainless Steel Explosion-proof LED Projector Luminaire



- ◆ Rated Voltage: AC220V, DC36V, DC24V, DC12V
- ◆ Rated Power: 10W~50W
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Cable Entry: G3/4"
- ◆ Weight: 50W: 2.5kg; 100W: 4.5kg
- ◆ Dimension: 30W: $\Phi 175 \times 275\text{mm}$; 100W: $\Phi 210 \times 350\text{mm}$



GSD125- series

Tri-proof LED Luminaire



- ◆ Rated Voltage: AC220V/50Hz
- ◆ Rated Power: 100W, 150W, 200W
- ◆ Luminous Efficacy: $\geq 100\text{lm/W}$
- ◆ Ingress Protection: IP65
- ◆ Features: Constant-current driver ensures stable current and uniform light color. Potted power supply offers dust & moisture resistance. Even heat dissipation prolongs service life. Uniform light output; focused or diffused lenses optional for various applications.
- ◆ Dimension: 200W: 440×420×220mm; 150W: 440×420×220mm; 100W: 350×300×190mm
- ◆ Mounting: pendant, lifting ring, ceiling (bracket) type

GSD126- series

Tri-proof LED Luminaire



- ◆ Rated Voltage: AC220V/50Hz
- ◆ Rated Power: 100W, 150W, 200W, 300W
- ◆ Luminous Efficacy: $\geq 120\text{lm/W}$
- ◆ Operating Voltage Range: AC180-265V
- ◆ CCT: 6000-6500K
- ◆ Power Factor: PF ≥ 0.95
- ◆ CRI: Ra ≥ 75
- ◆ Dimension: 100W: 450×230mm; 150W: 500×290mm; 200W: 500×340mm; 300W: 500×360mm
- ◆ Mounting: pendant, lifting ring

GSD127- series

Modular Tunnel Luminaire



- ◆ Rated Voltage: AC220V, DC12V, DC24V, DC36V
 - ◆ Rated Power: Single module 50W, modular splicing available
 - ◆ Lens Beam Angle: 30°/60°/90°
 - ◆ Insulation Class: Class I
 - ◆ Ingress Protection: IP65
 - ◆ Corrosion Grade: WF2
 - ◆ Potted driver meets explosion-proof requirements, delivers heat dissipation and waterproof performance with high reliability.
 - ◆ Multi-stage surge protection circuit enhances safety under lightning conditions.
 - ◆ IP65 enclosure, suitable for indoor and outdoor applications.
 - ◆ Multiple mounting options: base, wall, ceiling.
 - ◆ Power * Dimension * Weight:
- | | | |
|------|----------------|---------|
| 50W | * 175×350×75mm | * 1.6kg |
| 100W | * 250×350×75mm | * 2.4kg |
| 150W | * 340×350×75mm | * 3.3kg |
| 200W | * 410×350×75mm | * 4.1kg |
| 250W | * 485×350×75mm | * 5.0kg |
| 300W | * 575×350×75mm | * 5.9kg |

ZYCQ51

Explosion-proof & Corrosion-resistant
Control Column



- ◆ Suitable for Zone 1, Zone 2 hazardous areas with explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Temperature class: T1~T6
- ◆ Stainless steel welded/spinning forming, fewer weld seams, anti-aging, impact-resistant and corrosion-resistant
- ◆ Seamless silicone rubber gasket with firm adhesion, excellent anti-aging and sealing performance
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Applicable cable outer diameter: Φ12mm-Φ17mm
- ◆ Mounting: hanging, vertical
- ◆ Rated Voltage: 220V/380V
- ◆ Ingress Protection: IP66
- ◆ Corrosion Grade: WF2
- ◆ Utilization category: AC-15, DC-13

ZYQQ1

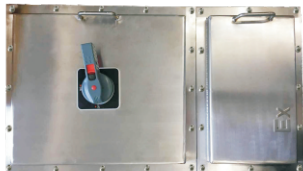
Explosion-proof & Corrosion-resistant
Magnetic Starter



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Temperature class: T1~T6
- ◆ Stainless steel welded/spinning forming, fewer cavity weld seams, anti-aging, impact-resistant and corrosion-resistant
- ◆ Seamless silicone rubber gasket with firm adhesion, reliable anti-aging sealing performance
- ◆ Internally fitted with AC contactor, thermal relay and automatic universal reset switch; high breaking capacity miniature circuit breaker available when equipped with main switch
- ◆ Controls direct start & stop of 50Hz, 380V three-phase asynchronous motors, with overload, phase loss and undervoltage protection, max. current up to 63A
- ◆ Ex Marking: ExdeIICT6Gb, ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Rated Voltage: 220V/380V
- ◆ Ingress Protection: IP66

BDZ

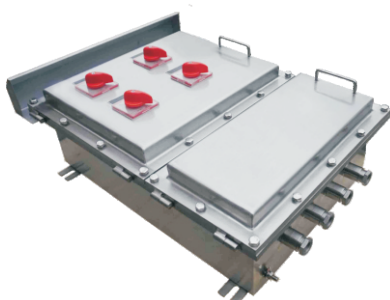
Explosion-proof & Corrosion-resistant
Circuit Breaker



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Widely used in oil extraction, refineries, chemical industry, offshore platforms, oil tankers and other flammable & explosive gas locations, as well as military, metal processing and other combustible dust sites
- ◆ Rated Voltage: 220V/380V
- ◆ Ingress Protection: IP66
- ◆ Equipped with overload and short-circuit protection; earth leakage protection optional upon request
- ◆ Stainless steel welded/spinning forming, fewer cavity weld seams, anti-aging, impact-resistant and corrosion-resistant
- ◆ Silicone rubber / foam sealing structure, anti-aging with excellent waterproof and dustproof performance
- ◆ Ex Marking: ExdeIICT6Gb, ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Wiring: Steel conduit or cable wiring

FXM (D) 69

Explosion-proof & Corrosion-resistant
Lighting (Power) Distribution Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T6
- ◆ Stainless steel welded construction, elegant appearance, excellent corrosion resistance, impact resistance and thermal stability
- ◆ Silicone rubber sealing structure, anti-aging with reliable waterproof and dustproof performance
- ◆ Distinct operation panels for main and branch switches for easy on-site identification; laser nameplate, clear and wear-resistant
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C, ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Rated Voltage: 220V/380V
- ◆ Ingress Protection: IP66
- ◆ Main circuit current: 32A, 40~63A, 80A~225A; Branch rated current: 1~63A
- ◆ Mounting: hanging, vertical

BXQ69

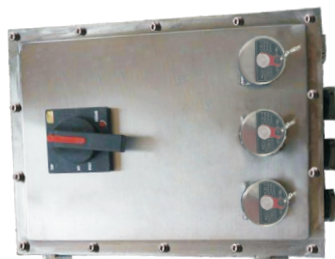
Explosion-proof Magnetic Distribution Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T6
- ◆ Stainless steel welded construction, elegant appearance, featuring outstanding corrosion resistance, impact resistance and thermal stability
- ◆ Silicone rubber sealing structure, anti-aging with reliable waterproof and dustproof performance
- ◆ Distinct operation panels for main and branch switches for easy on-site identification; laser nameplate, clear and wear-resistant
- ◆ Controls direct start & stop of 50Hz, 380V three-phase asynchronous motors, equipped with overload, phase loss and undervoltage protection
- ◆ Ex Marking: ExdeIIBT6Gb / ExtDA21 IP66 T80°C, ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Rated Voltage: 220V/380V
- ◆ Ingress Protection: IP66

BXX69

Explosion-proof Power Maintenance Box



- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdeIIBT6Gb/ExtDA21IP66T80°C, ExdeIICT6Gb/ExtDA21IP66T80°C
- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Widely applied in oil extraction & refining, storage, chemical, pharmaceutical, military and other hazardous explosive locations
- ◆ Enclosure made of stainless steel with exposed stainless steel fasteners
- ◆ Waterproof foam sealing strip or rain hood optional; sealing strip features high temperature resistance and anti-aging performance
- ◆ Built-in explosion-proof circuit breaker with overload and short-circuit protection

HBKQ1

Explosion-proof Control Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T5
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: ≤400V
- ◆ Rated Current: ≤400A
- ◆ Adopts stainless steel welded forming process with elegant appearance, excellent corrosion resistance, impact resistance and thermal stability
- ◆ Internally equipped with buttons, indicator lights, electric meters, control switches, miniature circuit breakers, molded case circuit breakers, AC contactors, various relays, measuring instruments, PLC and other components
- ◆ Mounting: hanging, vertical

BZA

Explosion-proof Control Push Button



- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Suitable for hazardous locations including oil extraction, refining, storage, chemical, pharmaceutical and military facilities
- ◆ Stainless steel enclosure with exposed stainless steel fasteners
- ◆ Waterproof foam sealing strip or rain hood optional; strip features high temperature resistance and anti-aging property
- ◆ Increased safety enclosure fitted with flameproof components
- ◆ Rated Current: 10A
- ◆ Cable Entry Thread: G3/4
- ◆ Wiring: Steel conduit or cable

SW-10

Explosion-proof Lighting Switch



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T6
- ◆ Widely adopted for oil extraction, refineries, chemical industry, offshore platforms, oil tankers and other flammable & explosive gas locations, as well as military, metal processing and other combustible dust sites
- ◆ Stainless steel spinning forming, attractive and robust
- ◆ Silicone rubber sealing structure, anti-aging with reliable dust & moisture resistance
- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Rated Voltage: 220V/380V
- ◆ Ingress Protection: IP66

BHZ69

Explosion-proof Change-over Switch



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T6
- ◆ Increased safety stainless steel spun enclosure with high strength, impact resistance and corrosion resistance; internally fitted with 2-pole/3-pole explosion-proof change-over switch
- ◆ Silicone rubber sealing structure, anti-aging with reliable dust & moisture resistance
- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Rated Voltage: 220V/380V
- ◆ Rated Current: 20A, 32A, 63A
- ◆ Cable Entry Thread: G3/4", G1", G1 1/2"
- ◆ Inlet & Outlet Direction: Top/Bottom/Left/Right inlet, Bottom/Top/Right/Left outlet

BCZ8050

Explosion-proof Plug & Socket



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T6
- ◆ Stainless steel enclosure
- ◆ Ex Marking: ExdeIICT4Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: 220V/380V
- ◆ Rated Current: 16A, 32A
- ◆ Cable Entry Thread: G3/4"
- ◆ Corrosion Grade: WF2
- ◆ Ingress Protection: IP65
- ◆ Applicable cable outer diameter: Φ10mm~Φ14mm
- ◆ Pole Number: 1P+N, 3P+N
- ◆ Utilization Category: AC-1, AC-3

ZYYQ

Explosion-proof Instrument



- ◆ Rated Voltage: AC220V/50Hz (Other voltages customizable)
- ◆ Meter Types: Voltmeter, Ammeter, Frequency meter, Wattmeter, multi-function combined meter
- ◆ Execution Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Digital tube display, clear and intuitive
- ◆ High borosilicate tempered glass withstands high impact energy
- ◆ All exposed fasteners and accessories made of high corrosion-resistant stainless steel
- ◆ Corrosion Grade: WF2
- ◆ Terminals: 2~4 core terminals
- ◆ Mounting: Flameproof thread, locking nut

BHD51

Stainless Steel Junction Box

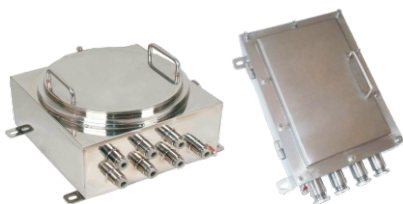


Flameproof Increased Safety

- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21 IP66 T80°C, ExeIICT6Gb / ExtDA21 IP66 T80°C
- ◆ Rated Voltage: AC380V
- ◆ Rated Current: 20A
- ◆ Ingress Protection: IP66
- ◆ Corrosion Grade: WF1, WF2
- ◆ Thread Size: G1/2, G3/4, G1
- ◆ Terminals: 4 sets
- ◆ Spinning forming process, excellent impact resistance
- ◆ Stainless steel construction, attractive appearance, good thermal stability and corrosion resistance for anti-corrosion applications
- ◆ Anti-static, eliminating static risks of engineering plastics
- ◆ Compression silicone rubber sealing ring, superior waterproof performance
- ◆ Threaded flameproof structure for reliable explosion protection
- ◆ Standard cable entries with BSP thread; Metric or NPT thread available upon request

BJX

Explosion-proof & Corrosion-resistant Junction Box (Flameproof)



IIC

IIB

- ◆ Execution Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdeIIBT6Gb / ExtDA21 IP65 T80°C, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Stainless steel enclosure with exposed stainless steel fasteners
- ◆ Waterproof foam sealing strip or rain hood optional; strip features high temperature resistance and anti-aging performance
- ◆ Internal or external hinges available on request for easy installation and maintenance
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Cable Entry Thread: G1/2~G4, M16~M110×1.5
- ◆ Cable Direction: Bottom inlet & bottom outlet as standard, customizable
- ◆ Rated Current: 5A, 10A, 20A, 32A, 63A, 100A, 125A, 200A, 300A, 400A, 630A

BJX

Explosion-proof & Corrosion-resistant Junction Box (Increased Safety)



- ◆ Execution Standards: GB3836.1, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: ExeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Stainless steel enclosure with exposed stainless steel fasteners
- ◆ Waterproof foam sealing strip or rain hood optional; strip features high temperature resistance and anti-aging performance
- ◆ Internal or external hinges available on request for easy installation and maintenance
- ◆ Wiring: Steel conduit or cable wiring
- ◆ Cable Entry Thread: G1/2~G4, M16~M110×1.5
- ◆ Cable Direction: Bottom inlet & bottom outlet as standard, customizable
- ◆ Rated Current: 5A, 10A, 20A, 32A, 63A, 100A, 125A, 200A, 300A, 400A, 630A

BDM

Explosion-proof & Corrosion-resistant Cable Gland



- ◆ Suitable for cable clamping and sealing in hazardous areas with flammable & explosive gas, such as petroleum, chemical, offshore, military, natural gas, oil tanker, wharf, tunnel and combustible dust processing sites
- ◆ CNC lathe machining ensures high precision and reliable explosion-proof performance
- ◆ Premium stainless steel or brass material, anti-static, eliminating static risks of engineering plastics
- ◆ Standard BSP thread for cable entries; Metric or NPT thread customizable
- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5, IEC60079-0, IEC60079-1, IEC60079-7, IEC61241-0, EN60079-0, EN60079-1, EN60079-7, EN61241-0, EN61241-1
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA20
- ◆ Ingress Protection: IP66

BHJ

Explosion-proof & Corrosion-resistant Union



- ◆ Suitable for cable clamping and sealing in hazardous locations with flammable & explosive gas, including petroleum, chemical, offshore, military, natural gas, oil tankers, terminals, tunnels and combustible dust processing sites
- ◆ CNC lathe machining guarantees high precision and reliable explosion protection
- ◆ Premium stainless steel or brass construction, anti-static to avoid static hazards of engineering plastics
- ◆ Standard BSP thread; Metric or NPT thread available upon request
- ◆ Complies with GB3836, IEC60079 and EN60079 standards
- ◆ Ex Marking: ExdIICT6Gb / ExtDA20
- ◆ Ingress Protection: IP66

BDM

Explosion-proof & Corrosion-resistant Pipe Fitting



- ◆ Suitable for cable clamping and sealing in hazardous locations with flammable & explosive gas, including petroleum, chemical, offshore, military, natural gas, oil tankers, terminals, tunnels and combustible dust processing sites
- ◆ CNC lathe machining ensures high precision and reliable explosion protection
- ◆ Premium stainless steel or brass construction, anti-static to eliminate static risks of engineering plastics
- ◆ Standard BSP thread; Metric or NPT thread customizable
- ◆ Complies with GB3836, IEC60079 and EN60079 standards
- ◆ Ex Marking: ExdIICT6Gb / ExtDA20
- ◆ Ingress Protection: IP66
- ◆ Structure Types: A-Inner/Inner, B-Inner/Outer, C-Outer/Outer, D-Outer/Inner, E-Reducer

BNG

Explosion-proof & Corrosion-resistant Flexible Conduit



- ◆ Widely used on offshore platforms, chemical & LNG carriers, hazardous cargo terminals for cable connection of explosion-proof electrical equipment or locations with difficult steel conduit bending.
 - ◆ Reliable operation under humid, vibrating and corrosive harsh conditions.
 - ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere and Zone 20, 21, 22 combustible dust atmosphere.
 - ◆ Ex Marking: ExdIICT6Gb/ExtDA20
 - ◆ Complies with GB3836, IEC60079 and EN60079 standards.
 - ◆ Enclosure material: 316 stainless steel
 - ◆ Temperature Range: -40°C ~ +60°C
 - ◆ Ingress Protection: IP66
 - ◆ Corrosion Grade: WF2
 - ◆ Thread specification shall mark internal/external thread.
- Example: NGB II -1000×¾"(Female)/G1"(Male)
Stainless steel flexible connection tube with length 1000mm, G3/4 female thread on one end and G1 male thread on the other end.

BHC

Stainless Steel Explosion-proof Cable Box



- ◆ Execution Standards: GB3836.1, GB3836.3
- ◆ Ex Marking: Exe II CT6Gb / ExtDA21
- ◆ Applied for wiring connection and bending of cable conduit in AC 50Hz, 220V or 380V circuits
- ◆ Stainless steel construction
- ◆ Structure Types: A-Straight, B-Tee, C-Cross, D-Left entry, E-Right entry, F-Bottom & Rear entry, G-Bottom tee, H-Offset

BGJ

Stainless Steel Explosion-proof Barrier Sealing Box



- ◆ Execution Standards: GB3836.1, GB3836.2
- ◆ Ex Marking: ExdIICT6Gb / ExtDA21
- ◆ Stainless steel construction
- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Applied for hazardous locations including oil extraction, storage, chemical, pharmaceutical and military facilities
- ◆ Well-sealed BSP thread connection for reliable tightness
- ◆ Used for conduit isolation in steel conduit wiring system

BZC53

Explosion-proof Operation Column



- ◆ Ex Marking: ExdeIICT6Gb
- ◆ Ingress Protection: IP65
- ◆ Corrosion Grade: WF1
- ◆ Suitable for Zone 1 & Zone 2 locations with IIC, T6 and lower class explosive gas mixtures. For remote control of electromagnetic appliances in AC 50Hz, rated 380V or DC 220V circuits up to 16A. It can switch circuits or signals and monitor circuit status.
- ◆ Die-cast aluminum alloy enclosure with powder coating; main chamber equipped with universal change-over switch, signal lamps, push buttons and meters.
- ◆ Labyrinth joint between body and cover for reliable dust & water resistance.
- ◆ Mounting Type: Wall-mounted, Floor-standing

BQC

Explosion-proof Magnetic Starter



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T6
- ◆ Ex Marking: ExdeIICT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 5A~63A
- ◆ Modular design for flexible circuit combination
- ◆ Equipped with AC contactor and thermal relay; Miniature MCCB or moulded case circuit breaker available when main switch function is required
- ◆ Supports overload, short-circuit and phase-loss protection; Earth leakage protection customizable upon request
- ◆ All exposed fasteners made of highly corrosion-resistant 304 stainless steel with anti-drop design for easy installation and maintenance
- ◆ Die-cast aluminum alloy enclosure with powder coating; Labyrinth structure between body and cover for superior dust and water resistance
- ◆ Wiring Method: Steel conduit, cable or explosion-proof flexible conduit available

BLK

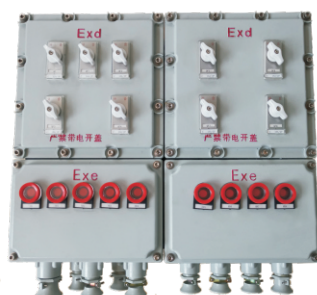
Explosion-proof Circuit Breaker



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Corrosion Grade: WF2
- ◆ Ingress Protection: IP65
- ◆ Temperature Class: T1~T6
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Die-cast aluminum alloy enclosure with powder coating. Labyrinth structure between body and cover delivers reliable dustproof and waterproof performance.
- ◆ Equipped with overload and short-circuit protection; Earth leakage protection optional upon request.
- ◆ Rated tripping current (A): 1, 3, 6(5), 10, 16(15), 25, 32, 40, 50, 63(60)

BXQ69

Explosion-proof Lighting (Power) Distribution Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T5
- ◆ Ex Marking: ExdeIICT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Current: Max. 250A for main switch; 1A~63A for branch switches
- ◆ Rated Voltage: AC220V/380V
- ◆ Die-cast aluminum alloy enclosure with powder coating. Labyrinth joint between body and cover provides excellent dustproof and waterproof performance.
- ◆ Fitted with high breaking capacity MCB or MCCB; Switching operation realized via external flameproof handle (or push button).
- ◆ Mounting Type: Wall-mounted, Floor-standing

BXQ69

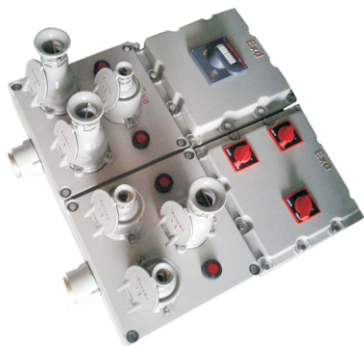
Explosion-proof Power Distribution Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T5
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Current: Max. 630A for main switch; Branch switches ≤160A
- ◆ Rated Voltage: AC380V
- ◆ Circuit Quantity: 2, 4, 6, 8, 10, 12 loops
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating. Labyrinth joint between body and cover provides reliable dustproof and waterproof performance. Multiple enclosure types can be freely assembled to meet diverse site requirements.
- ◆ Internally fitted with high breaking capacity MCB, MCCB, AC contactor and thermal relay. Switching operation is realized via external flameproof handle (or push button).
- ◆ Cable Direction: Bottom inlet & bottom outlet, or bottom inlet & top outlet
- ◆ Mounting Type: Wall-mounted, Floor-standing

BXX69

Explosion-proof Power Maintenance Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Temperature Class: T1~T5
- ◆ Widely deployed in flammable and explosive gas sites including oil exploitation, refineries, chemical plants, offshore platforms and oil tankers; also applicable for combustible dust areas such as military facilities and metal processing workshops.
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: ≤400V
- ◆ Main Circuit Current: ≤400A; Branch Circuit Current: ≤100A
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating. Labyrinth joint between body and cover delivers excellent dustproof and waterproof performance. Various enclosures can be freely assembled to satisfy different site demands.
- ◆ Cable Direction: Bottom inlet & bottom outlet, or bottom inlet & top outlet
- ◆ Mounting Type: Wall-mounted, Floor-standing, Mobile type

BXK

Explosion-proof Control Box



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: ≤400V
- ◆ Rated Current: ≤400A
- ◆ Enclosure: Die-cast aluminum alloy or welded steel plate with high-voltage electrostatic powder coating. Multiple enclosure types can be freely assembled to meet various site requirements.
- ◆ Internal components: Push buttons, indicator lamps, meters, control switches, MCB, MCCB, AC contactors, relays, measuring instruments, PLC, etc.
- ◆ Cable Direction: Bottom inlet & bottom outlet, or bottom inlet & top outlet
- ◆ Mounting Type: Wall-mounted, Floor-standing

AC

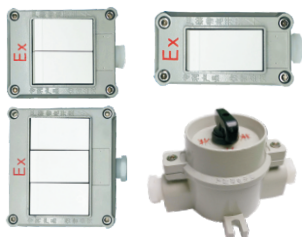
Explosion-proof Plug & Socket



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Ex Marking: ExdeICT6Gb / ExtDA21 IP65 T80°C
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating
- ◆ Rated Voltage: AC220V, 380V
- ◆ Rated Current: 16A, 32A, 63A
- ◆ Ex Marking: ExedIIBT6Gb
- ◆ Pole Configuration: 1P+N+PE, 3P+N+PE
- ◆ Ingress Protection: IP65
- ◆ Corrosion Grade: WF2

SW-10

Explosion-proof Lighting Switch



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating
- ◆ Built-in flameproof control switch, BK series 2-pole control switch
- ◆ Rated Voltage: AC220V
- ◆ Rated Current: 10A
- ◆ Ingress Protection: IP65
- ◆ Corrosion Grade: WF2
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Cable Gland: G3/4" thread, applicable for cables with diameter $\phi 6\text{mm} \sim \phi 10\text{mm}$

BHZ52

Explosion-proof Change-over Switch



- ◆ Suitable for Zone 1, Zone 2 explosive gas atmosphere
- ◆ Applicable to IIA, IIB, IIC explosive gas groups
- ◆ Suitable for Zone 21, Zone 22 combustible dust atmosphere
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 10A, 25A
- ◆ Cable Gland Thread: G3/4", suitable for cables $\phi 10\text{mm} \sim \phi 14\text{mm}$
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating
- ◆ Equipped with universal change-over switch (standard 3-pole). Applied as power inlet switch and for motor start/stop control in control circuits up to 250A.

LA53

Explosion-proof Control Push Button



- ◆ Execution Standards: GB3836.1, GB3836.2, GB3836.3, IEC60079
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 10A
- ◆ Utilization Category: AC-14
- ◆ Ingress Protection: IP65
- ◆ Applicable Cable Outer Diameter: $\phi 8\text{mm} \sim \phi 14\text{mm}$
- ◆ Gland Thread Size: G3/4"
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating
- ◆ Composite structure: Flameproof components installed inside increased safety enclosure
- ◆ Labyrinth sealing structure delivers reliable water and dust resistance
- ◆ Built-in explosion-proof push button features compact structure, high reliability, small size, strong switching capacity and long service life

ZYKTQ

Explosion-proof Air Conditioner



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T4.
- ◆ Compliance Standards: GB3836.1, GB3836.2, GB3836.3, GB3836.4, GB3836.9
- ◆ Ex Marking: ExdeIbmbIICT4Gb, ExdeIbmbIICT4Gb / ExtDibDmbDA21 T130°C
- ◆ Composite explosion-proof design (flameproof, intrinsic safety, encapsulation); all control terminals are intrinsically safe for manual and remote control.
- ◆ Equipped with well-known brand compressors, offering high cooling/heating capacity, stable performance, low noise, low power consumption and long service life.
- ◆ Composite explosion-proof construction with complete overheat and pressure protection for reliable overall safety.
- ◆ Adjustable temperature and air volume.

BAF

Explosion-proof Fan



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T4.
- ◆ Ex Marking: ExdIIBT4Gb, ExdIICT4Gb
- ◆ Composed of explosion-proof motor, impeller and wind barrel, featuring low noise, low energy consumption and reliable explosion-proof performance.
- ◆ Ingress Protection: IP54
- ◆ Corrosion Protection Grade: WF1
- ◆ Rated Voltage: AC220V/380V
- ◆ Motor speed, power and air flow can be configured as per customer requirements.

AH

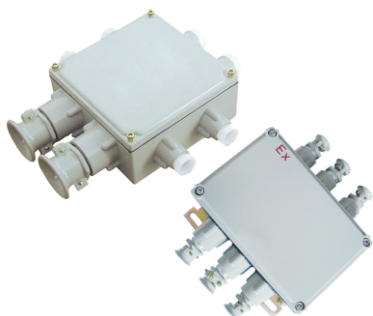
Explosion-proof Terminal Box



- ◆ Suitable for IIA, IIB, IIC explosive gas areas, Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T6.
- ◆ Compliance Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExdIIBT6Gb, ExdIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 20A
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating ; external fasteners are stainless steel for superior corrosion resistance.
- ◆ Cable Gland Thread: G3/4", suitable for cables $\phi 10\text{mm}$ ~ $\phi 14\text{mm}$
- ◆ Wiring Method: Steel conduit wiring

BJX

Explosion-proof Terminal Box



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T6.
- ◆ Widely used in flammable & explosive gas sites such as oil exploitation, refineries, chemical plants, offshore platforms and oil tankers; also applicable for combustible dust areas including military facilities and metal processing workshops.
- ◆ Compliance Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExeIICT6Gb, ExdIIBT6Gb, ExdIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Cable entry direction and terminal quantity can be customized as required.

BHJ

Explosion-proof Union



Type A

Type B

Type C

- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas.
- ◆ Widely applied in flammable & explosive gas environments including oil extraction, refineries, chemical plants, offshore oil platforms and oil tankers; also suitable for combustible dust sites such as military industry and metal processing.
- ◆ Compliance Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExeIICT6Gb / ExtDA20 IP65
- ◆ Ingress Protection: IP65

BGJ

Explosion-proof connector



Type A

Type B

Type C

Type D

- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC) and Zone 21 & Zone 22 combustible dust areas.
- ◆ Widely used in oil exploitation, refining, chemical industry, offshore platforms, oil tankers and other flammable and explosive gas environments, as well as military and metal processing combustible dust sites.
- ◆ Compliance Standards: GB3836.1, GB3836.2, GB12476.1, GB12476.5
- ◆ Ex Marking: ExeIICT6Gb / ExtDA20 IP65
- ◆ Ingress Protection: IP65
- ◆ Structure Types: A-Inner/Inner, B-Inner/Outer, C-Outer/Outer, D-Outer/Inner, E-Reducing

BNG

Explosion-proof Flexible Connector



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas.
- ◆ Widely used in oil extraction, refineries, chemical plants, offshore oil platforms, oil tankers and other flammable & explosive gas environments; also applicable for combustible dust sites such as military industry and metal processing.
- ◆ Compliance Standards: GB3836.1, GB3836.2, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Marking: Exe IICGb / ExtDA20, Exd IICGb / ExtDA20
- ◆ Features flame resistance, corrosion resistance, water resistance, anti-aging, good flexibility, solid structure and reliable performance.
- ◆ Thread specifications can be customized as required, including NPT, metric thread, G thread, etc.

BCH

Explosion-proof Junction Box



- ◆ Compliance Standards: GB3836.1, GB3836.3, GB12476.1, GB12476.5
- ◆ Ex Type: Exe II Gb / ExtDA21
- ◆ Ingress Protection: IP65
- ◆ Used for connection and bending of cable conduits in AC 50Hz, 220V or 380V circuits.
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating; external fasteners are stainless steel for superior corrosion resistance.
- ◆ Structure Types: A-Straight, B-Tee, C-Cross, D-Left Tee, E-Right Tee, F-Bottom Rear Tee, G-Bottom Tee, H-Y-Type.

BGM

Explosion-proof Isolation Sealing Box



- ◆ Compliance Standards: GB3836.1, GB3836.2
- ◆ Ex Type: Exd II CGb / ExtDA21
- ◆ Ingress Protection: IP65
- ◆ Die-cast aluminum alloy enclosure with high-voltage electrostatic powder coating; external fasteners are stainless steel for superior corrosion resistance.
- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas.
- ◆ Applied in hazardous explosive environments such as petroleum exploitation, refining, storage, chemical, pharmaceutical and military facilities.
- ◆ Adopts conduit thread connection with excellent sealing performance.
- ◆ Used for pipeline isolation in steel conduit wiring systems.

AC

Explosion-proof Socket



- ◆ Socket Quantity: 1, 2, 3, 4 optional
- ◆ Die-cast aluminum enclosure with labyrinth sealing groove
- ◆ Operating Voltage: AC220V/380V
- ◆ Operating Current: 10A (16A available on request)
- ◆ Ex Marking: Exd IIBT4Gb / Ex tD A21 IP65 T80°C
- ◆ Ingress Protection: IP65

BZA

Explosion-proof Master Controller



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T6.
- ◆ Corrosion Protection Grade: WF2
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 10A
- ◆ Utilization Category: AC-15, DC-13
- ◆ Composite structure: Increased safety enclosure fitted with 5 types of explosion-proof components.
- ◆ Enclosure molded from glass fiber reinforced polyester resin, featuring corrosion resistance, good thermal stability, high protection grade, nice appearance and durable sealing performance.
- ◆ Components layout can be freely customized as required.
- ◆ All fasteners are stainless steel screws.
- ◆ Easy mounting of various explosion-proof components on DIN rail; anti-drop design facilitates maintenance.

CZC

Explosion-proof & Corrosion-resistant Operation Column



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas.
- ◆ Corrosion Protection Grade: WF2
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 10A
- ◆ Enclosure molded from glass fiber reinforced unsaturated polyester resin, featuring nice appearance, corrosion resistance, anti-static, impact resistance and good thermal stability. Labyrinth sealing provides reliable water & dust resistance.
- ◆ Equipped with universal change-over switch, push buttons, ammeter (other meters optional) and indicator lamps. The switch offers over 30 customizable functions and can be tailor-made.
- ◆ Supports steel conduit or cable wiring.
- ◆ All external fasteners are stainless steel.
- ◆ Mounting Type: Vertical or wall-mounted.

BLK

Explosion-proof & Corrosion-resistant Circuit Breaker



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas.
- ◆ Corrosion Protection Grade: WF2
- ◆ Ingress Protection: IP65
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Enclosure molded from glass fiber reinforced unsaturated polyester resin, featuring elegant appearance, corrosion resistance, anti-static, impact resistance and good thermal stability.
- ◆ Labyrinth sealing structure delivers reliable water & dust resistance.
- ◆ Equipped with overload and short-circuit protection; earth leakage protection is optional.
- ◆ Rated tripping current (A): 1, 3, 6(5), 10, 16(15), 25, 32, 40, 50, 63 (60).

FXM(D)69

Explosion-proof & Corrosion-resistant Lighting (Power) Distribution Box



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T5.
- ◆ Widely used in oil extraction, refineries, chemical plants, offshore oil platforms, oil tankers and other flammable & explosive gas environments; also applicable for combustible dust sites such as military industry and metal processing.
- ◆ Ex Marking: ExdeIICT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Current: Max. 250A for main switch; 1A~63A for branch switches
- ◆ Rated Voltage: AC220V/380V
- ◆ Enclosure molded from glass fiber reinforced unsaturated polyester resin, featuring nice appearance, corrosion resistance, anti-static, impact resistance and good thermal stability. Labyrinth sealing provides reliable water & dust resistance.
- ◆ Composite explosion-proof structure: internal flameproof aluminum/iron housing for starters; increased safety design for busbar and terminal boxes.

ZYQ69

Explosion-proof & Corrosion-resistant
Magnetic Distribution Box



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T5.
- ◆ Widely used in oil extraction, refineries, chemical plants, offshore oil platforms, oil tankers and other flammable & explosive gas environments; also suitable for combustible dust sites including military industry and metal processing.
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Current: Max. 250A for main switch; 1A~63A for branch switches
- ◆ Rated Voltage: AC220V/380V
- ◆ Enclosure molded from glass fiber reinforced unsaturated polyester resin, featuring attractive appearance, corrosion resistance, anti-static, impact resistance and good thermal stability. Labyrinth sealing ensures reliable water & dust resistance.
- ◆ Composite explosion-proof structure: The internal box adopts flameproof aluminum or iron housing for starters; busbar box and terminal box are increased safety type.

BXX69

Explosion-proof & Corrosion-resistant
Power Maintenance Box



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T5.
- ◆ Widely used in oil extraction, refineries, chemical plants, offshore oil platforms, oil tankers and other flammable & explosive gas environments; also applicable for combustible dust sites such as military industry and metal processing.
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Current: Max. 250A for main switch; 1A~63A for branch switches
- ◆ Rated Voltage: AC220V/380V
- ◆ Enclosure molded from glass fiber reinforced unsaturated polyester resin, featuring nice appearance, corrosion resistance, anti-static, impact resistance and excellent thermal stability. Labyrinth sealing structure provides reliable water and dust resistance.
- ◆ Adopts composite explosion-proof structure. The built-in aluminum or iron housing is flameproof for starters; busbar box and terminal box are increased safety type.

ZYKQ3

Explosion-proof & Corrosion-resistant
Control Box



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB), Zone 21 & Zone 22 combustible dust areas, Temperature Class T1~T5.
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: 10A
- ◆ Ingress Protection: IP65
- ◆ Corrosion Protection Grade: WF2
- ◆ This explosion-proof & corrosion-resistant control box consists of increased safety enclosure, flameproof components (indicator lamps, ammeters, push buttons, switches) and terminal blocks.
- ◆ Enclosure molded from glass fiber reinforced unsaturated polyester resin, featuring elegant appearance, corrosion resistance, anti-static property, impact resistance and excellent thermal stability.

BZC

Explosion-proof & Corrosion-resistant
Plug & Socket



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB), Zone 21 & Zone 22 combustible dust areas.
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C, Exed IIC T6
- ◆ Rated Voltage: AC110 - 690V
- ◆ Rated Current: 16A, 32A
- ◆ Pole Configuration: 1P+N+PE, 3P+N+PE
- ◆ Ingress Protection: IP65
- ◆ Corrosion Protection Grade: WF2
- ◆ Enclosure molded from high-strength flame-retardant engineering plastic, featuring attractive appearance, anti-static, impact resistance, good thermal stability and corrosion resistance.
- ◆ Equipped with interlock mechanism: the plug can only be removed after the built-in switch is turned off.
- ◆ Lockable cover. The cover can be secured with padlock when idle to prevent unauthorized opening for on-site management.

SW-10

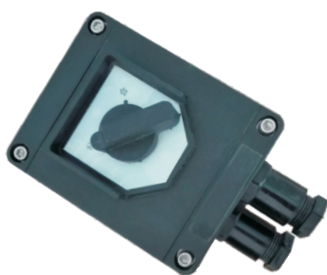
Explosion-proof & Corrosion-resistant
Lighting Switch



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB, IIC), Zone 21 & Zone 22 combustible dust areas.
- ◆ Increased safety enclosure molded from high-strength flame-retardant engineering plastic, featuring nice appearance, anti-static, impact resistance, stable performance and excellent corrosion resistance.
- ◆ Labyrinth structure between cover and housing with foam sealing strip, anti-aging and reliable tightness.
- ◆ Built-in flameproof BK series 2-pole control switch.
- ◆ Rated Voltage: AC220V
- ◆ Rated Current: 10A
- ◆ Ingress Protection: IP65
- ◆ Corrosion Protection Grade: WF2
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Cable Entry: G3/4", suitable for cables $\phi 6\text{mm}$ ~ $\phi 10\text{mm}$

BHZ69

Explosion-proof & Corrosion-resistant
Change-over Switch



- ◆ Suitable for Zone 1 & Zone 2 explosive gas areas (IIA, IIB), Zone 21 & Zone 22 combustible dust areas.
- ◆ Ex Marking: ExdeIICT6Gb / ExtDA21 IP65 T80°C
- ◆ Rated Voltage: AC220V/380V

- ◆ Ingress Protection: IP65
- ◆ Corrosion Protection Grade: WF2
- ◆ Increased safety enclosure molded from high-strength flame-retardant engineering plastic, featuring corrosion resistance, impact resistance and good thermal stability.
- ◆ Curved labyrinth joint between housing and cover guarantees high protection grade.
- ◆ Built-in flameproof switch; poles can be freely combined as requested.

Rated Current(A)	20	32	63
Entry Thread	G3/4 "	G1 "	G1 1/2 "
Cable ODmm	$\Phi 12$ - $\Phi 18$	$\Phi 18$ - $\Phi 25$	$\Phi 29$ - $\Phi 35$

LA53

Explosion-proof & Corrosion-resistant
Control Push Button



- ◆ Standards: GB3836.1, GB3836.2, GB3836.3, IEC60079
- ◆ Ex Marking: ExdeIICT6Gb/ExtDA21IP65T80°C
- ◆ Rated Voltage: AC220/380V
- ◆ Rated Current: 10A
- ◆ Utilization Category: AC-14
- ◆ IP Rating: IP65
- ◆ Anti-corrosion Class: WF2
- ◆ Cable Entry: G3/4"
- ◆ Suitable Cable OD: $\phi 8\text{mm}$ ~ $\phi 14\text{mm}$
- ◆ Flame-retardant ABS injection molded housing, corrosion & impact resistant.
- ◆ Composite structure: e-type enclosure with d-type components.
- ◆ Labyrinth seal for water and dust resistance.
- ◆ Built-in explosion-proof button: compact, reliable, high breaking capacity & long service life.

FJX693

Explosion-proof & Corrosion-resistant
Junction Box



- ◆ Suitable for Zone 1/2 explosive gas atmospheres (IIA, IIB), Zone 21/22 combustible dust atmospheres, Temperature Class T1~T6
- ◆ Ex Marking: ExeIICT6Gb/ExtDA21IP65T80°C
- ◆ Rated Voltage: AC220/380V
- ◆ IP Rating: IP65
- ◆ Anti-corrosion Class: WF2
- ◆ Cable Entry: G1 1/2" ~ G2"
- ◆ Suitable Cable OD: $\phi 6\text{mm}$ ~ $\phi 44\text{mm}$
- ◆ Cable entry direction, terminal quantity and rated current available upon request

ZYQQ3

Flameproof & Corrosion-resistant
Magnetic Starter



- ◆ Suitable for Zone 1/2 explosive gas atmospheres (IIA, IIB, IIC), Zone 21/22 combustible dust atmospheres
- ◆ Anti-corrosion Class: WF2
- ◆ Ex Marking: ExdeIIBT6Gb, ExdeIICT6Gb/ExtDA21IP65T80°C
- ◆ Rated Voltage: AC220V/380V
- ◆ Rated Current: Main switch 10A–800A; Branch switch 1A–630A
- ◆ Housing molded with high-strength fiberglass reinforced unsaturated polyester resin
- ◆ Composite explosion-proof structure: flameproof starter, increased safety busbar & terminal compartment
- ◆ Modular design for flexible circuit combination
- ◆ Equipped with MCB, MCCB, AC contactor, thermal relay; switch operated via external handle/button
- ◆ Protection against overload, short-circuit & phase loss; earth leakage protection optional
- ◆ All external fasteners: 304 stainless steel, anti-drop design
- ◆ Wiring options: steel conduit, cable or explosion-proof flexible hose

ZYQQ

Tri-proof Power & Lighting Distribution
Box



- ◆ For lighting control, power transmission and motor control in circuits: AC 50Hz up to 380V, DC up to 440V, current ≤100A
- ◆ Rated Current: Max. 250A for main switch; 1A – 63A for branch switches
- ◆ Housing molded from fiberglass reinforced unsaturated polyester resin, featuring good appearance, corrosion resistance, anti-static, impact resistance and thermal stability; labyrinth sealing structure for reliable water & dust resistance
- ◆ Resistant to strong acid, alkali and salt corrosion; Anti-corrosion Class F2, IP65
- ◆ All external fasteners: stainless steel; Silicone rubber seals, oil-proof, acid-resistant and high-temperature resistant
- ◆ Fitted with high breaking capacity MCB or MCCB

ZYJQ

Tri-proof Power Socket Maintenance
Box



- ◆ Used as power connection for maintenance & electrical equipment, AC 50Hz up to 380V, DC up to 440V
- ◆ Housing molded from fiberglass reinforced unsaturated polyester resin, attractive, anti-static, impact resistant, corrosion & thermally stable
- ◆ Resistant to strong acid, alkali and salt, waterproof & dustproof
- ◆ Anti-corrosion Class: F2
- ◆ IP Rating: IP65
- ◆ All exposed fasteners: stainless steel; silicone rubber seals, oil-proof, acid-resistant & high temperature resistant
- ◆ Equipped with high breaking capacity MCB or MCCB
- ◆ Rated Voltage: AC220/380V; other voltages customizable
- ◆ Rated Current: Main switch 10A – 800A; Branch switch 1A – 630A
- ◆ Incoming cable OD: 6mm – 80mm; Outgoing cable OD: 6mm – 80mm
- ◆ Cable entry/exit: Top-in & Top-out, Bottom-in & Bottom-out; custom layout available upon request

ZYQJ

Tri-proof Junction Box



- ◆ Widely used in environments with strong acid, alkali, salt, ammonia corrosion, high humidity and water splash; Anti-corrosion Class F2, IP65
- ◆ Housing molded from fiberglass reinforced unsaturated polyester resin, featuring nice appearance, anti-static, impact resistance, corrosion resistance and good thermal stability
- ◆ All exposed fasteners: stainless steel; silicone rubber seals, oil-proof, acid-resistant and high-temperature resistant
- ◆ Rated Voltage: AC380V; Rated Current: ≤400A
- ◆ Mainly used for pipeline wiring and cable branching; Cable entry & exit direction customizable.