



Descriptions:

The enclosures of full plastic explosion-proof (emergency) fluorescent light fittings (pole mounting) are manufactured by glass fiber reinforced polyester and the transparent parts are manufactured by anti-ultraviolet polycarbonate. They have good protection ability from various chemical matters in factories or offshore platform because of high stability and mechanical strength. The material of the light fitting used can prevent from being corroded effectively. The sealing bars between the enclosure and transparent parts are compacted by the interlock device. The isolation switches are operated by the interlock devices. When the isolation switch is switched off, the covers can be opened. The explosion-proof electronic ballast, explosion-proof isolation switch, explosion-proof lampholder and explosion-proof terminals etc are mounted inside of the full plastic explosion-proof fluorescent light fittings (pole mounting).

The explosion-proof electronic ballast, explosion-proof inverter, explosion-proof fuse, explosion-proof indicator lamp, and high temperature resistance explosion-proof battery etc. are mounted inside of the full plastic explosion-proof emergency fluorescent light fittings. The light fitting can be automatically recharging while normal working, so that the lamp tube will turn on automatically when the power loses because of accident or power failure.

- ▶ Full plastic explosion-proof fluorescent light fittings mounting ways: Ceiling type, chain type, pendant type, wall type and clamp type.
- ▶ Full plastic explosion-proof fluorescent light fittings mounting ways: Platform fence type, platform flange type, street lamp type.
- Standard two-supply circuit design and EOL switching off function design when the life of the lamp tube is end;
- The structural design is never distortion and its protection degree is up to IP66.
- Equipped with the mechanical interlocking device and explosion-proof distance switch of II C class to enable the power off automatically when the diffuser is uncovered.
- With interlock device, the transparent parts and enclosure can not energize to work to ensure safe use before completely sealing.
- The explosion-proof ballast and explosion-proof inverter are certified separately ;
- The explosion-proof ballast is equipped with the protective functions of open circuit, short circuit and abnormality of lamp tube;
- The emergency type has the indication of fault signal, the charging signal, the discharging signal.
- International IECEx Approval, Europe union ATEX Approval.



CORPELIMA

ITEMS

CZ0865, CZ0866 Full plastic explosion-proof (emergency) fluorescent light fittings



• Diagram:



G

G/55



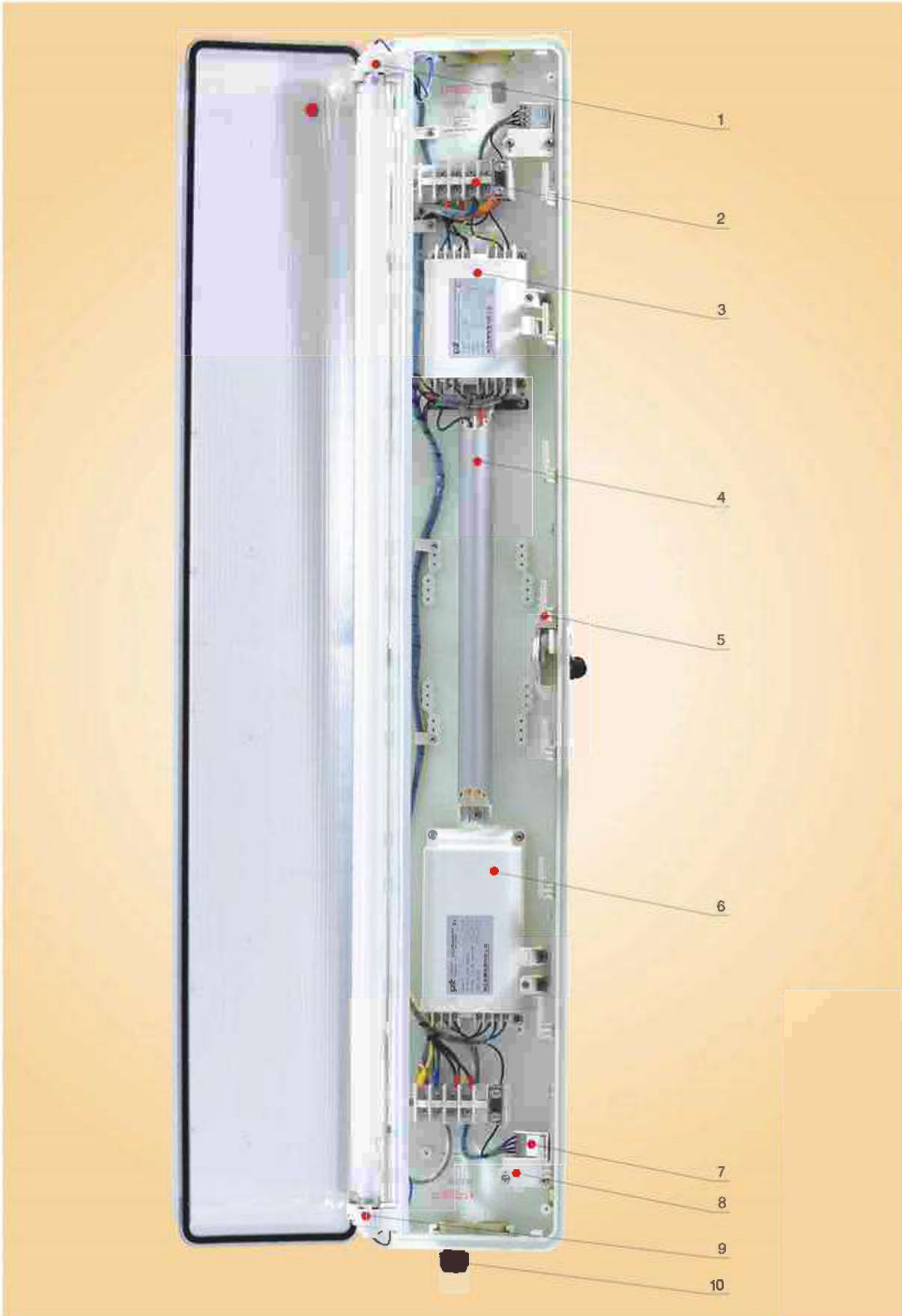
CORPELIMA

iTEMS

CZ0865, CZ0866 Full plastic explosion-proof (emergency) fluorescent light fittings



• Diagram:



G

G/57



CZ0865, CZ0866 Full plastic explosion-proof (emergency) fluorescent light fittings



• Main technical data:

Certification | Ex mark | Meet the standard

China (PCEC Ex)	Ex deq I C T4 Gb DIP A21 TA, T6 (Product without fuse)	GB3836 GB12476
China (PCECEX)	Ex deq mb II C T4 Gb DIP A21 TA, T6 (Product with fuse)	GB3836 GB12476
IECEX	Ex deq I C T4 Gb Ex ID A21 T 80°C (Product without fuse)	IEC60079
IECEX	Ex deq mb II C T4 Gb Ex ID A21 T 80°C (Product with fuse)	IEC60079
ATEX	Ex deq I C T4 Gb Ex ID A21 T 80°C (Product without fuse)	EN60079
ATEX	Ex deq mb II C T4 Gb Ex ID A21 T 80°C (Product with fuse)	EN60079

Intended use: Can be used in zone 1 and zone 2. Can be used in zone 21 and zone 22.

Ambient temperature use: -25°C < Ta < 40°C

Degree of protection: IP66

Rated voltage: 110 ~ 240V AC (± 10%) 50/60Hz

Power factor: λ > 0.98

Energy efficiency index EEI=A2

Terminals: L, N, PE, each terminal 2×1.5-10mm²

Cable entry: Moulded plastic 1×M25×1.5 cable gland,

Outside diameter of cable: Ø8-17mm

Moulded plastic 2×M25×1.5 stopping plugs

• Order specifications:

Illustration	Light source code	Lamp tube	Power	Current	Weight	Order No.
	G5 Two-pin lampholder	T5 Type	2×14W	Max 0.16A	5kg	CZ0865 / 2 × 14W-1-B+ <input type="checkbox"/>
			2×28W	Max 0.33A	7.9kg	CZ0866 / 2 × 28W-1-B+ <input type="checkbox"/>
	G13 Two-pin lampholder	T8 Type	2×18W	Max 0.2A	5kg	CZ0865 / 2 × 18W-1-B+ <input type="checkbox"/>
			2×36W	Max 0.39A	7.9kg	CZ0866 / 2 × 36W-1-B+ <input type="checkbox"/>

Code of cable gland ←

Order No. of mounting accessories (No matching not noted), see page 63 ←

• Code of cable gland

Code	Specifications	Cable diameter
B	One moulded plastic M25 × 1.5 cable gland, two moulded plastic M25 × 1.5 stopping plugs	Ø8-17mm
C	One brass CZ0221/M25 × 1.5 metal cable gland, two moulded plastic M25 × 1.5 stopping plugs	Ø8-17mm
D	Two moulded plastic M25 × 1.5 cable glands, one moulded plastic M25 × 1.5 stopping plug	Ø8-17mm
E	Two brass CZ0221/M25 × 1.5 metal cable glands, one moulded plastic M25 × 1.5 stopping plug	Ø8-17mm
F	One brass CZ0227/M25 × 1.5-G ³ / ₄ increase safety metal cable gland, two moulded plastic M25 × 1.5 stopping plugs	Ø11-15mm
G	Two brass CZ0227/M25 × 1.5-G ³ / ₄ increase safety metal cable glands, one moulded plastic M25 × 1.5 stopping plug	Ø11-15mm
II	One brass CZ0226/M25 × 1.5(G02) increase safety metal cable gland (stopping boxes), two moulded plastic M25 × 1.5 stopping plugs	Ø11.5-16mm
I	Two brass CZ0226/M25 × 1.5(G02) increase safety metal cable glands (stopping boxes), one moulded plastic M25 × 1.5 stopping plug	Ø11.5-16mm



CZ0865, CZ0866 Full plastic explosion-proof (emergency) fluorescent light fittings



• **Main technical data:**

Certification | Ex mark | Meet the standard

China (PCEC Ex) Ex deqmb II C T4 Gb DIP A21 Ta, T5

GB3836 GB12476

Intended use: Can be used in zone 1 and zone 2. Can be used in zone 21 and zone 22

Ambient temperature use: -25°C ≤ Ta ≤ 40°C

Degree of protection: IP66

Rated voltage: 110-240V AC(±10%) 50/60Hz

Power factor: λ > 0.98

Energy efficiency index EEL=A2

Recharging time: 24 h

Emergency starting time: 0.1 (S)

Emergency illuminating time: > 120 (min)

Terminals: L1, L2, L, N, PE, each terminal 2×1.5-10mm²

Cable entry: Moulded plastic 1×M25×1.5 cable gland,

Outside diameter of cable: Φ8-17mm

• **Order specifications:**

Illustration	Code of lampholder	Lamp tube	Normal illumination	Emergency illumination	Weight	Order No.
	G5 Two-pin lampholder	T51 type	2×14W	1×14W	8.5kg	CZ0865/2×14W-1 YJ-PM+□
			2×28W	1×28W	11.6kg	CZ0866 / 2×28W-1 YJ-PM+□
	G13 Two pin lampholder	T8 Type	2×18W	1×18W	8.5kg	CZ0865/2×18W-1 YJ-PM+□
			2×36W	1×36W	11.6kg	CZ0866/2×36W-1 YJ-PM+□

Order No. of mounting accessories (No matching not noted), see page 63

G

• **Diagram:**

