

A



### Descriptions:

Explosion-proof LED (emergency) marking light comprises enclosure manufactured in glass fibre reinforced polyester and transparent cover manufactured in polycarbonate. It has good protection to various chemicals in plant or offshore platform as its stability and high mechanical strength. IP seal between enclosure and transparent cover is compacted by interlocking device. The distance switch which is optional can cut the power off automatically when transparent cover is opened.

- Explosion-proof LED marking light.
- Explosion-proof LED emergency marking light, emergency time 120min.
- Emergency type has indicator for fault, charging and discharge.
- Emergency types have maintained and non-maintained type. Maintained type can work when either normal power on or emergency power on. Non-maintained type can only work when emergency power on.
- 15 labels for options.
- IECEx and ATEX certified.

Zone 1 and zone 2

Zone 21 and zone 22

• Main technical data:

Certification | Ex mark | Meet the standard

<b>IECEX: IECEX CML 16.00**</b>	Ex eb ib op is q II C T4 Gb Ex tb III C T80°C Db ( Product no fuse and no limit switch )	IEC60079
	Ex db eb ib mb op is q II C T4 Gb Ex tb II C T80°C Db ( Product with fuse and limit switch )	IEC60079
<b>ATEX: CML 16ATEX3377X</b>	⊕ II 2GD Ex eb ib op is q II C T4 Gb Ex tb III C T80°C Db ( Product no fuse and no limit switch )	IEC60079
	⊕ II 2GD Ex db eb ib mb op is q II C T4 Gb Ex tb III C T80°C Db ( Product with fuse and limit switch )	IEC60079

Intended use: Can be used in zone 1 and zone 2  
 Can be used in zone 21 and zone 22  
 Ambient temperature:  $-20^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$   
 Degree of protection: IP66  
 Rated voltage: AC100 ~ 250V  
 Power: 3W  
 Luminous flux of normal illumination and emergency : 160Lm  
 Emergency starting time:  $\leq 0.1\text{S}$   
 Emergency illuminating time: 120min  
 Recharging time:  $\geq 24\text{h}$   
 Battery Configuration: CZ0819/1.0Ah 6V  
 Battery designed life:  $\geq 500$  times recharging  
 Terminals:  $2 \times 2.5\text{mm}^2$   
 Recognized distance of label: 30m  
 Cable entry: (Standard configuration) Moulded plastic  
 1  $\times$  M25  $\times$  1.5, Outside diameter of cable:  $\phi 8-17\text{mm}$   
 Moulded plastic 2  $\times$  M25  $\times$  1.5 stopping plugs  
 Weight: 3.50kg

• Order specifications:

	Descriptions	Type of emergency	Order No.
	Product without fuse or switch fitted	Maintained	<b>CZ0264/20-LED3W-M-□-B</b>
		Non maintained	<b>CZ0264/20-LED3W-NM-□-B</b>
	Product with fuse or switch fitted	Maintained	<b>CZ0264/20-LED3W-M-□-KF-B</b>
Non maintained		<b>CZ0264/20-LED3W-NM-□-KF-B</b>	

Mark code



Code: 10



Code: 50



Code: 41



Code: 42



Code: 20



Code: 60



Code: 51



Code: 52



Code: 30



Code: 70



Code: 61



Code: 62



Code: 40



Code: 80



Code: 71



Code: 72

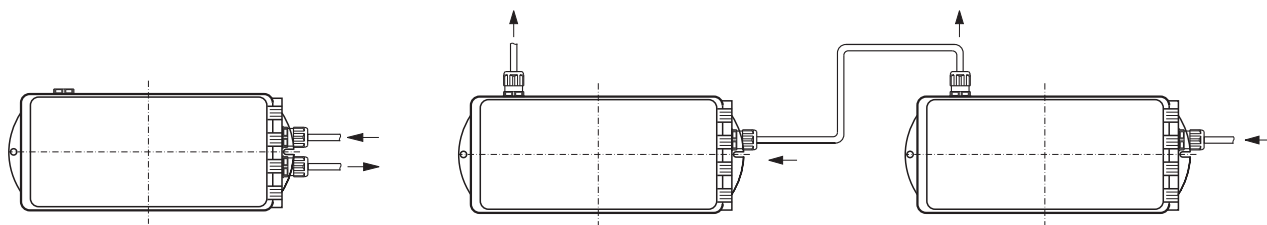
For code of cable gland, see page 4 . ←

- Code of cable gland:

Code	Specifications	Cable diameter
<b>B</b>	One moulded plastic M25 × 1.5 cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ8-17mm
<b>C</b>	One brass CZ0221/M25 × 1.5 metal cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ8-17mm
<b>D</b>	Two moulded plastic M25 × 1.5 cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ8-17mm
<b>E</b>	Two brass CZ0221/M25 × 1.5 metal cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ8-17mm
<b>F</b>	One brass CZ0227/M25 × 1.5-G <sup>3</sup> / <sub>4</sub> " increasd safety metal cable gland, two moulded plastic M25 × 1.5 stopping plugs	Φ11-15mm
<b>G</b>	Two brass CZ0227/M25 × 1.5-G <sup>3</sup> / <sub>4</sub> " increasd safety metal cable glands, one moulded plastic M25 × 1.5 stopping plug	Φ11-15mm
<b>H</b>	One brass CZ0226/M25 × 1.5(G02) increasd safety metal cable gland (stopping boxes), two moulded plastic M25 × 1.5 stopping plugs	Φ11.5-16mm
<b>I</b>	Two brass CZ0226/M25 × 1.5(G02) increasd safety metal cable glands (stopping boxes), one moulded plastic M25 × 1.5 stopping plug	Φ11.5-16mm

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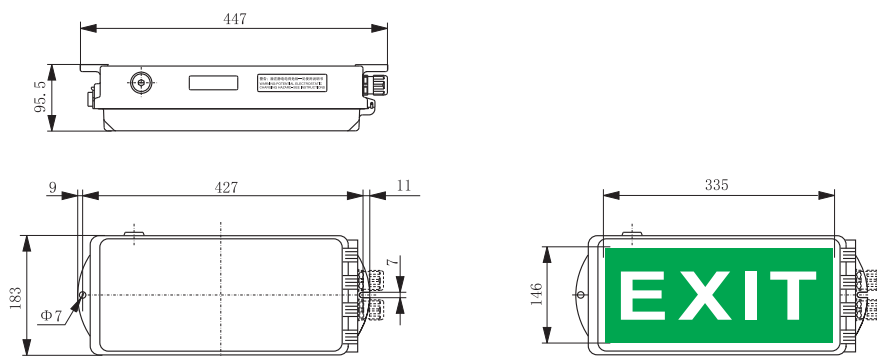
- Cable wiring diagram:



Solution 1


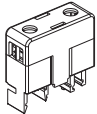
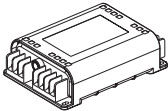
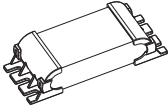

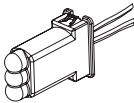
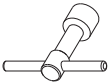
Solution 2

- Outline dimensions:



Label dimension

## • Spare parts:

Illustration	Descriptions	Unit	Order No.
Explosion-proof distance switch module 	Type of protection: Ex db eb IIC Gb, Contact: 2NC (2NC)	Piece	<b>CZ0207-1</b>
Explosion-proof fuse module 	Type of protection: Ex e mb IIC Gb	0.2A	Piece <b>CZ0804 / T0.2A</b>
		0.4A	Piece <b>CZ0804 / T0.4A</b>
		0.8A	Piece <b>CZ0804 / T0.8A</b>
		5A	Piece <b>CZ0804 / T5A</b>
Explosion-proof battery module 	Type of protection: Ex eb q IIC Gb, Power: 3W	Maintained	Piece <b>CZ0818/58-3W-M</b>
		Non maintained	Piece <b>CZ0818/58-3W-NM</b>
Explosion-proof battery module 	Type of protection: Ex eb IIC Gb Battery specification: 1.0Ah/6V	Set	<b>CZ0819/1.0Ah/6V</b>
Earthing nut 	Metal earthing nut 2-M25 × 1.5	Set	<b>D8714/2-M25</b>
Explosion-proof emergency indicator module 	Type of protection: Ex mb IIC Gb Three colors for LED: red, yellow, green	Set	<b>CZ0802/1</b>
M8/SW13 Sleeve spanner 	Material: Fine quality steel with galvanized surface	Set	<b>D601</b>