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Descriptions :

The full plastic explosion-proof plug and sockets can be used in the explosive gas atmospheres where the locations of local power supply control and electrical installation and mobile machinery place often need to be moved and transformed.

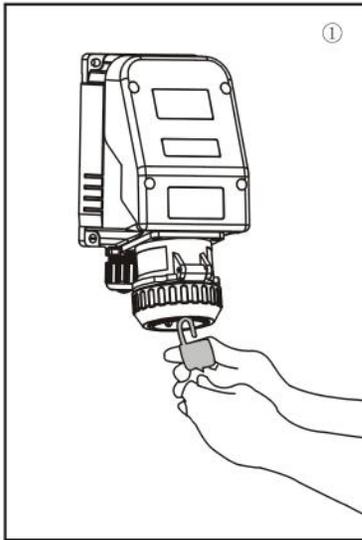
The flexible shutter spring that has a lot of contact surface can guarantee the small contact resistance and low temperature rise meanwhile the force of inserting in and pulling out can be reduced minimally which ensure the normal functions and permanent self-cleaning effect of the plug and socket device is designed at the joint of insert sleeve in the socket of the plug and socket device due to the contact resistance between the plug and socket is changed greatly and the electrical transport properties can be effected directly when the plug and socket device is affected by the surrounding environment (such as temperature, dust, corrosion, etc.). The exclusive interlock device is equipped with the plug and socket device. The switch is not turned on if it is not rotated and the plug can not be pulled out when the switch is turned on after the plug is inserted into the socket, which the non-live action is realized.

The protective covers are equipped on both plug and socket, which ensure the reliability of the protective degree.

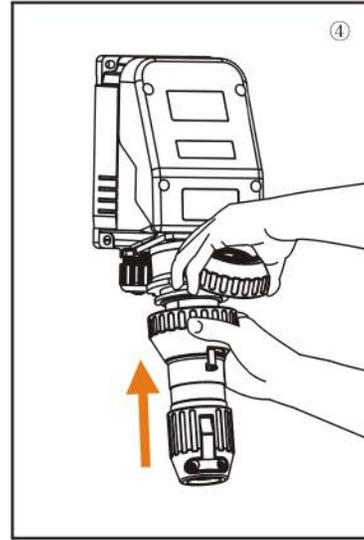
Therefore, the plug and socket device can be used under the extreme conditions.

- IECEx, ATEX International certification.
- Self-cleaning inserting sleeve, low transmission resistance.
- Protective covers ensure high degree of protection.
- Small force of inserting and pulling.

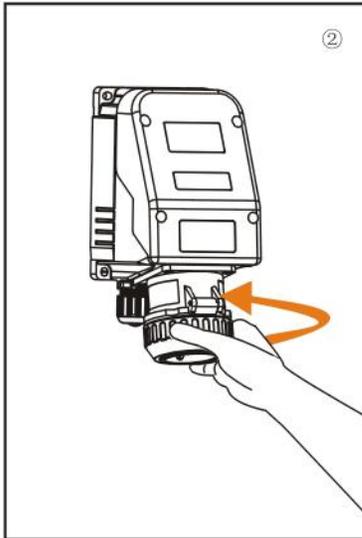
Zone 1 and zone 2 Zone 21 and zone 22

• CZ0251、CZ0252 Operation:


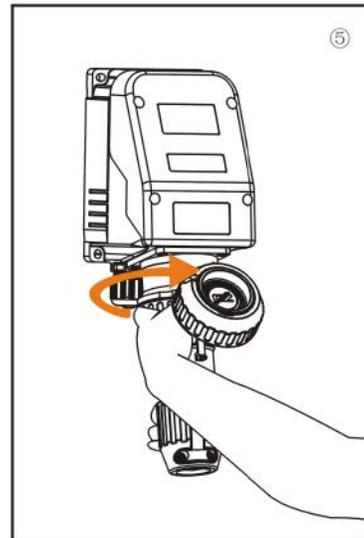
◀ The protective cover of the explosion-proof wall type sockets are fitted with openings for padlocks.



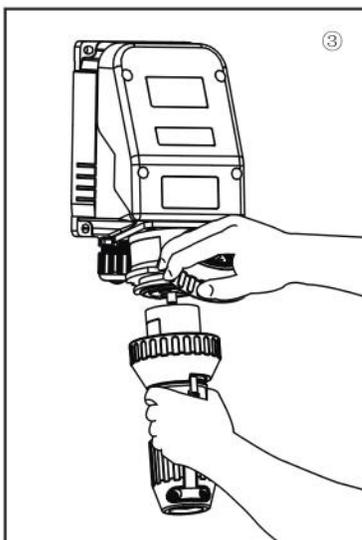
▲ Plugs insert wall type sockets completely.



◀ Wall type sockets are fitted with protective covers which secure degree of protection IP66. When using it, turn round the cover according to arrow, and the cover will be opened, then the plug can be inserted.



▲ Turn right the plugs, when hearing the sound of " kaca ", while the power is connected. In this case, it's impossible to pull out the plug from the socket. Last revolve the plug and lock it on the socket to comply with the requirement of IP66.



◀ The pins of the plugs are opposite to the sockets.



• Main technical data:

Certification | Ex mark | Meet the standard

China (PCEC Ex)	Ex de II C T5/T6 Gb (Wall type socket, plug, coupler type socket) Ex de II C Gb (Panel type socket)	GB3836 GB12476
IECEX	Ex de II C T5/T6 Gb Ex tD A21 T 95°C/80°C Ta ≤ 55°C/45°C (Wall type socket, plug, coupler type socket) Ex de II C Gb Ex tD A21 (Panel type socket)	IEC60079
ATEX	⊕ II 2GD Ex de II C T5/T6 Gb Ex tD A21 T 95°C/80°C Ta ≤ 55°C/45°C (Wall type socket, plug, coupler type socket) ⊕ II 2GD Ex de II C Gb Ex tD A21 (Panel type socket)	EN60079

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

Ambient temperature use: -40°C ≤ Ta ≤ 55°C

Degree of protection: IP66

Frequency: 50/60Hz

Rated voltage: Up to 250V ~

Rated current: maximum 16A

Switch capacity: AC3 up to 250V/16A

Conformity to: **CE**

Cable entry: Wall type socket (Standard configure) 1 × M25 Φ8 ~ 17mm

See page C/10 for other forms

Plug: Cable outside diameter Φ5 ~ 18.5mm

Coupler type socket: Cable outside diameter Φ5 ~ 18.5mm

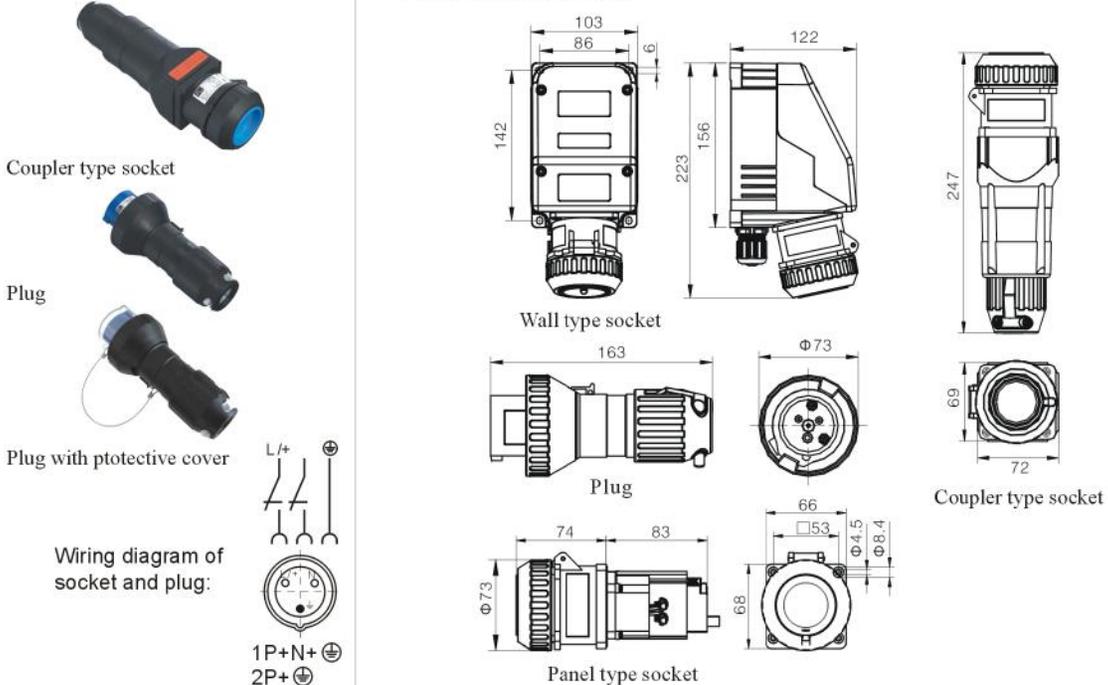


• Order specifications:

16A-3 Poles

Illustration	Clock h and voltage	Type	Weight	Order No.
<p>Wall type socket</p>	<p>110-130V 1P + N + PE 2P + PE</p>	Wall type socket	1.2kg	CZ0251 4304 0001
		Panel type socket	0.4kg	CZ0251 8304 0001
		Coupler type socket	0.7kg	CZ0251 3304 0001
		Plug	0.35kg	CZ0251 7304 0001
		Plug with protective cover	0.37kg	CZ0251 7304 8034
		<p>Panel type socket</p>	<p>200-250V 1P + N + PE 2P + PE</p>	Wall type socket
Panel type socket	0.4kg			CZ0251 8306 0001
Coupler type socket	0.7kg			CZ0251 3306 0001
Plug	0.35kg			CZ0251 7306 0001
Plug with protective cover	0.37kg			CZ0251 7306 8034

• Outline dimensions:



• Accessories: For plastic mounting board and rain-proof guard see page C/19.