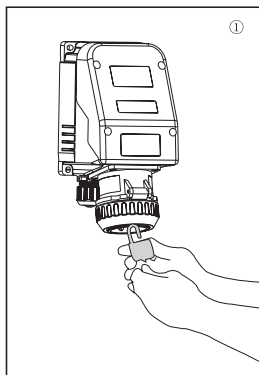
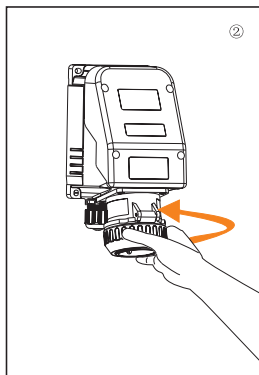




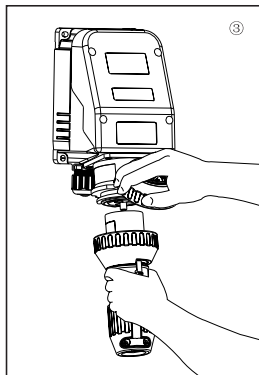
• CZ0251、CZ0252 Operation:



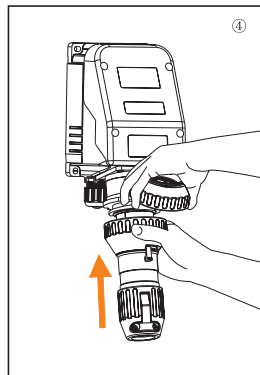
◀ The protective cover of the explosion-proof wall type sockets are fitted with openings for padlocks.



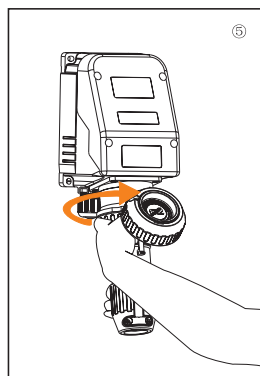
◀ Wall type sockets are fitted with protective covers which secure degree of protection IP66. When using it, turn round the cover according to arrow, and the cover will be opened, then the plug can be inserted.



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



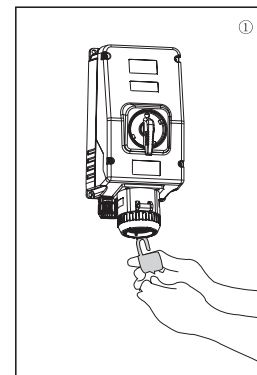
▲ Plugs insert wall type sockets completely.



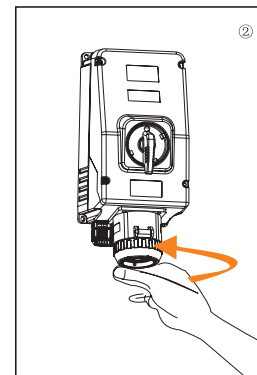
▲ Turn right the plugs, when hearing the sound of "kaca", while the power is connected. In this case, it's impossible to pull out the plug from the socket. Last revolve the plug and lock it on the socket to comply with the requirement of IP66.



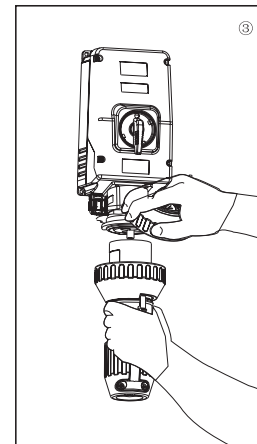
• CZ0253、CZ0254 Operation:



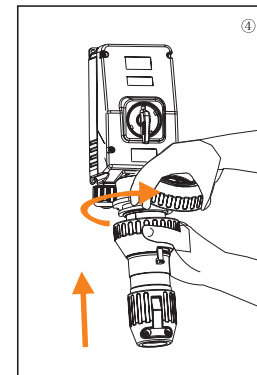
◀ The protective cover of the explosion-proof wall type sockets are fitted with openings for padlocks.



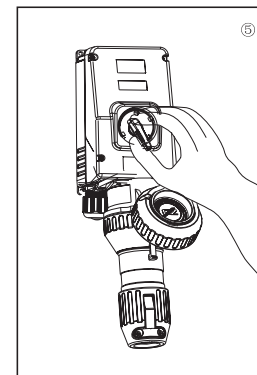
◀ Wall type sockets are fitted with protective covers which secure degree of protection IP66. When using it, turn round the cover according to arrow, and the cover will be opened, then the plug can be inserted.



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



▲ Plugs insert wall type sockets completely, revolve the plug and lock it on the socket to comply with the requirement of IP66.



▲ 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.



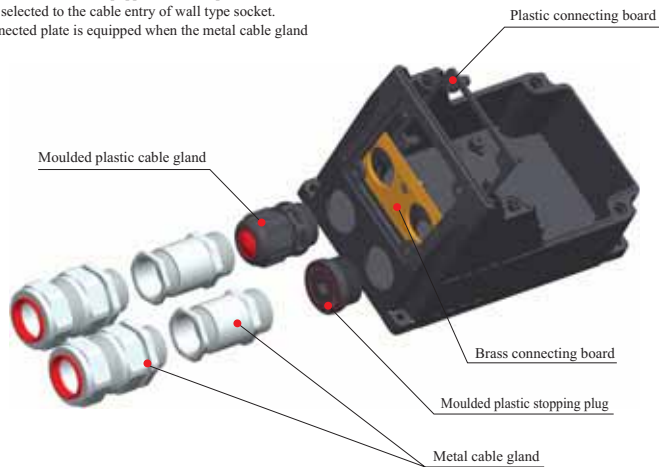
Refuses to circumgyrate the switch handle, when the plug is not insert in the socket.



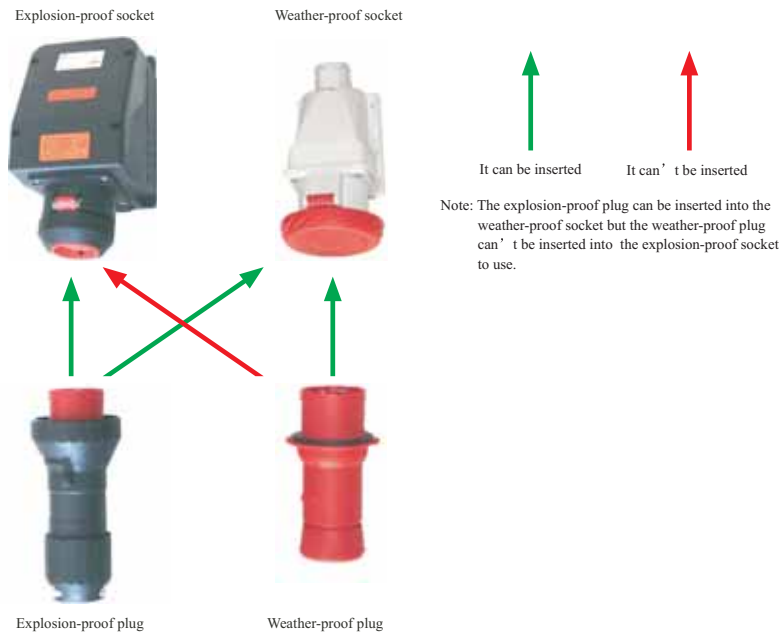
CZ025 Full plastic Explosion-proof plugs and sockets

• Diagram:

The plastic connected board is equipped when the plastic moulded cable gland is selected to the cable entry of wall type socket.
The brass connecting plate is equipped when the metal cable gland is selected.



• The mutual exchange of explosion-proof and weather-proof plug and socket is as following



CZ0251 Full plastic Explosion-proof plugs and sockets

• Main technical data:

Ex mark:

Wall type socket, plug, coupler type socket

Ⓜ II 2GD Ex de II C T6 Gb Ex tD A21 T 80°C Ta < 45°C

Ⓜ II 2GD Ex de II C T5 Gb Ex tD A21 T 95°C Ta < 55°C

Panel type socket: Ⓜ II 2GD Ex de II C Gb Ex tD A21

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

Meet the standard: IEC60079 IEC61241 EN60079 EN61241

Conformity to: CE

Cable entry: Wall type socket (Standard figure) 1 × M25 Φ8 ~ 17mm, See page 8 for other forms

Plug: Cable outside diameter Φ5 ~ 18.5mm

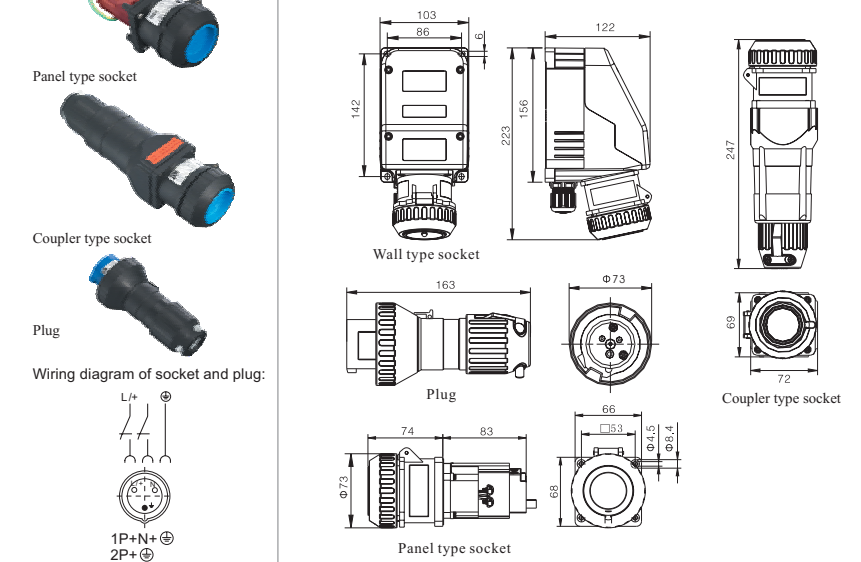
Coupler type socket: Cable outside diameter Φ5 ~ 18.5mm

• Order specifications:

16A-3 Poles

Illustration	Clock h and voltage	Type	Weight	Order No.
	 110-130V 1P + N + PE 2P + PE	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
	 200-250V 1P + N + PE 2P + PE	Wall type socket	1.2kg	CZ0251 4306 0001
		Panel type socket	0.4kg	CZ0251 8306 0001
		Coupler type socket	0.7kg	CZ0251 3306 0001
		Plug	0.35kg	CZ0251 7306 0001

• Outline dimensions:



• Accessories: For plastic mounting board and rain-proof guard see page 15.



CZ0251 Full plastic Explosion-proof plugs and sockets

• Main technical data:

Ex mark:

Wall type socket, plug, coupler type socket

Ⓔ II 2GD Ex de II C T6 Gb Ex tD A21 T 80°C Ta < 45°C

Ⓔ II 2GD Ex de II C T5 Gb Ex tD A21 T 95°C Ta < 55°C

Panel type socket: Ⓔ II 2GD Ex de II C Gb Ex tD A21

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 690V ~

Rated current: maximum 16A

Switch capacity: AC3 up to 690V/16A

Meet the standard: IEC60079 IEC61241 EN60079 EN61241

Conformity to: **CE**

Cable entry: Wall type socket: (Standard configure)

Moulded plastic 1 × M25 Φ8 ~ 17mm

Moulded plastic 1 × M25 stopping plug See page 8 for other forms

4, 5 Poles Plug: Cable outside diameter Φ5 ~ 20mm

4, 5 Poles coupler type socket: Cable outside diameter Φ5 ~ 20mm

• Order specifications:

16A-4 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Weight	Order No.
		Wall type socket	NO	1.2kg	CZ0251 4409 0001
		Panel type socket	NO	0.4kg	CZ0251 8409 0001
		Coupler type socket	NO	0.7kg	CZ0251 3409 0001
		Plug	NO	0.35kg	CZ0251 7409 0001
		Wall type socket	NO	1.2kg	CZ0251 4406 0001
		Wall type socket	Yes	1.2kg	CZ0251 4406 4001
		Panel type socket	NO	0.4kg	CZ0251 8406 0001
		Coupler type socket	NO	0.7kg	CZ0251 3406 0001
		Wall type socket	NO	1.2kg	CZ0251 4407 0001
		Wall type socket	Yes	1.2kg	CZ0251 4407 4001
		Panel type socket	NO	0.4kg	CZ0251 8407 0001
		Coupler type socket	NO	0.7kg	CZ0251 3407 0001
		Wall type socket	NO	1.2kg	CZ0251 4405 0001
		Wall type socket	Yes	1.2kg	CZ0251 4405 4001
		Panel type socket	NO	0.4kg	CZ0251 8405 0001
		Coupler type socket	NO	0.7kg	CZ0251 3405 0001
		Plug	NO	0.35kg	CZ0251 7405 0001

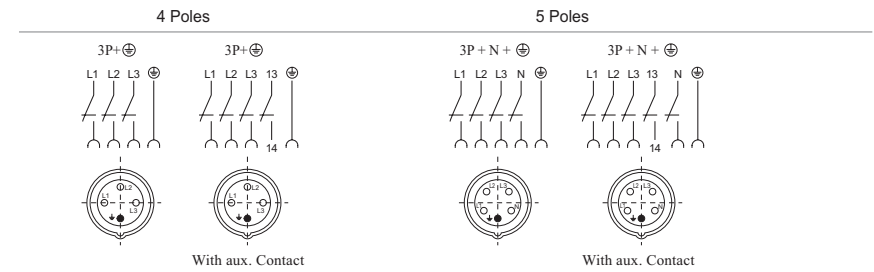
16A-5 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Weight	Order No.
		Wall type socket	NO	1.2kg	CZ0251 4506 0001
		Wall type socket	Yes	1.2kg	CZ0251 4506 4001
		Panel type socket	NO	0.4kg	CZ0251 8506 0001
		Coupler type socket	NO	0.7kg	CZ0251 3506 0001
		Plug	NO	0.35kg	CZ0251 7506 0001

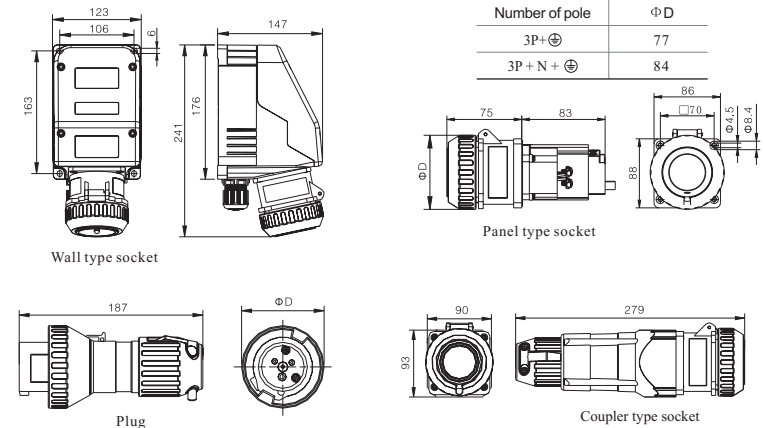


CZ0251 Full plastic Explosion-proof plugs and sockets

• Wiring diagram of socket and plug:



• Outline dimensions:



• Other forms cable entries of wall type socket:

CZ0251 4506 00

Code	Specification	Connecting board	Cable diameter
01	One moulded plastic CZ0220/M25 × 1.5 cable gland, one moulded plastic M25 × 1.5 stopping plug.	Moulded plastic	Φ8-17mm
03	One brass CZ0227/M25 × 1.5-G3/4" increasd safety metal cable gland, one moulded plastic M25 × 1.5 stopping plug.	Brass	Φ11-15mm
04	One brass CZ0226/M25 × 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M25 × 1.5 stopping plug.	Brass	A: Φ6-12.5mm B: Φ11.5-16mm
05	Two moulded plastic CZ0220/M25 × 1.5 cable gland (With Aux.contact INO)	Moulded plastic	Φ8-17mm

• Accessories: For plastic mounting board and rain-proof guard see page 15.



CZ0252 Full plastic Explosion-proof plugs and sockets

• Main technical data:

Ex mark:

Wall type socket, plug, coupler type socket

Ⓜ II 2GD Ex de II C T6 Gb Ex tD A21 T 80 °C Ta < 40 °C

Ⓜ II 2GD Ex de II C T5 Gb Ex tD A21 T 95 °C Ta < 55 °C

Panel type socket: Ⓜ II 2GD Ex de II C Gb Ex tD A21

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 690V ~

Rated current: maximum 32A

Switch capacity: AC3 up to 690V/32A

Meet the standard: IEC60079 IEC61241 EN60079 EN61241

Conformity to: **CE**

Cable entry: Wall type socket (Standard configure)

Moulded puastic 1 × M32 Φ12 ~ 21mm

Moulded plastic 1 × M32 stopping plug See page 10 for other forms

4, 5 Poles plug: Cable outside diameter Φ10 ~ 28mm

4, 5 Poles coupler type: Cable outside diameter Φ10 ~ 28mm

• Order specifications:

32A-4 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Weight	Order No.
		Wall type socket		1.8kg	CZ0252 4409 0001
		Panel type socket		1.0kg	CZ0252 8409 0001
		Coupler type socket		1.7kg	CZ0252 3409 0001
		Plug		0.7kg	CZ0252 7409 0001
		Wall type socket	NO	1.8kg	CZ0252 4406 0001
		Wall type socket	Yes	1.8kg	CZ0252 4406 4001
		Panel type socket	NO	1.0kg	CZ0252 8406 0001
		Coupler type socket	NO	1.7kg	CZ0252 3406 0001
		Wall type socket	NO	1.8kg	CZ0252 4407 0001
		Wall type socket	Yes	1.8kg	CZ0252 4407 4001
		Panel type socket	NO	1.0kg	CZ0252 8407 0001
		Coupler type socket	NO	1.7kg	CZ0252 3407 0001
		Wall type socket	NO	1.8kg	CZ0252 4405 0001
		Wall type socket	Yes	1.8kg	CZ0252 4405 4001
		Panel type socket	NO	1.0kg	CZ0252 8405 0001
		Coupler type socket	NO	1.7kg	CZ0252 3405 0001
		Plug	NO	0.7kg	CZ0252 7405 0001
		Plug	Yes	0.7kg	CZ0252 7405 4001
		Plug	NO	0.7kg	CZ0252 7405 0001
		Plug	Yes	0.7kg	CZ0252 7405 4001

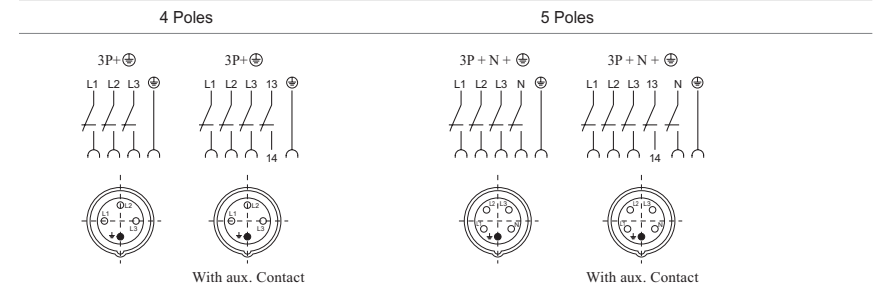
32A-5 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Weight	Order No.
		Wall type socket	NO	1.8kg	CZ0252 4506 0001
		Wall type socket	Yes	1.8kg	CZ0252 4506 4001
		Panel type socket	NO	1.0kg	CZ0252 8506 0001
		Coupler type socket	NO	1.7kg	CZ0252 3506 0001
		Plug	NO	0.7kg	CZ0252 7506 0001
		Plug	Yes	0.7kg	CZ0252 7506 4001
		Plug	NO	0.7kg	CZ0252 7506 0001
		Plug	Yes	0.7kg	CZ0252 7506 4001

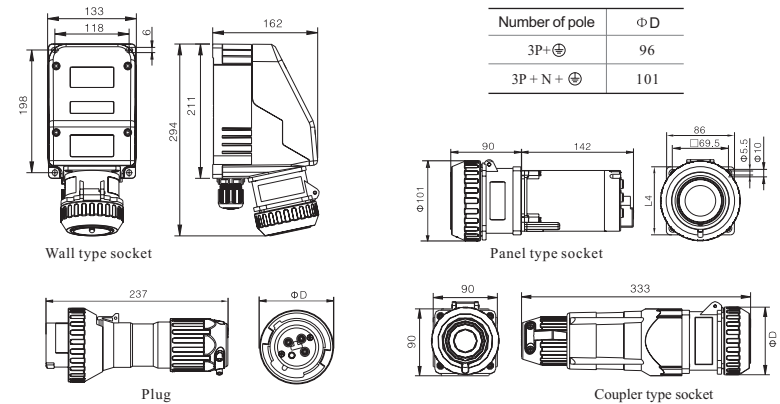


CZ0252 Full plastic Explosion-proof plugs and sockets

• Wiring diagram of socket and plug:



• Outline dimensions:



• Other forms cable entries of wall type socket:

CZ0252 4506 00

Code	Specification	Connecting board	Cable diameter
01	One moulded plastic CZ0220/M32 × 1.5 cable gland, one moulded plastic M32 × 1.5 stopping plug.	Moulded plastic	Φ12-21mm
03	One brass CZ0227/M32 × 1.5-G1" increasd safety metal cable gland, one moulded plastic M32 × 1.5 stopping plug.	Brass	Φ11-19mm
04	One brass CZ0226/M32 × 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M32 × 1.5 stopping plug.	Brass	A: Φ11-18.5mm B: Φ20.5-27.5mm
05	One moulded plastic CZ0220/M32 × 1.5 cable gland Two moulded plastic CZ0220/M25 × 1.5 cable gland (With Aux.contact 1NO)	Moulded plastic	Φ12-21mm Φ8-17mm

• Accessories: For plastic mounting board and rain-proof guard see page 15.



CZ0253 Full plastic Explosion-proof plugs and sockets

• Main technical data:

Ex mark:

Ⓔ II 2GD Ex de II C T6 Gb Ex tD A21 T 80°C Ta ≤ 40°C

Ⓔ II 2GD Ex de II C T5 Gb Ex tD A21 T 95°C Ta ≤ 55°C

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 690V ~

Rated current: maximum 63A

Switch capacity: AC3 up to 690V/63A

Meet the standard: IEC60079 IEC61241 EN60079 EN61241

Conformity to:

Cable entry: Wall type socket (Standard configure)

Moulded puastic 1 × M50 Φ22 ~ 35mm

Moulded plastic 1 × M50 stopping plug, See page 12 for other forms
















4, 5 Poles Plug: Cable outside diameter Φ15 ~ 35mm

Weight: Wall type socket: 8.1 kg

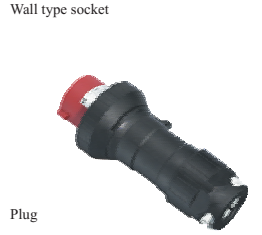



Plug: 0.85 kg

• Order specifications:

63A-4 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Order No.
	 200-250V 3P + PE	Wall type socket	NO	CZ0253 4409 0001
	 200-250V 3P + PE	Plug	NO	CZ0253 7409 0001
	 380-415V 3P + PE	Wall type socket	NO	CZ0253 4406 0001
	 380-415V 3P + PE	Wall type socket	Yes	CZ0253 4406 4001
	 380-415V 3P + PE	Plug	NO	CZ0253 7406 0001
	 480-500V 3P + PE	Wall type socket	NO	CZ0253 4407 0001
	 480-500V 3P + PE	Wall type socket	Yes	CZ0253 4407 4001
	 480-500V 3P + PE	Plug	NO	CZ0253 7407 0001
	 600-690V 3P + PE	Wall type socket	NO	CZ0253 4405 0001
	 600-690V 3P + PE	Wall type socket	Yes	CZ0253 4405 4001
	 600-690V 3P + PE	Plug	NO	CZ0253 7405 0001

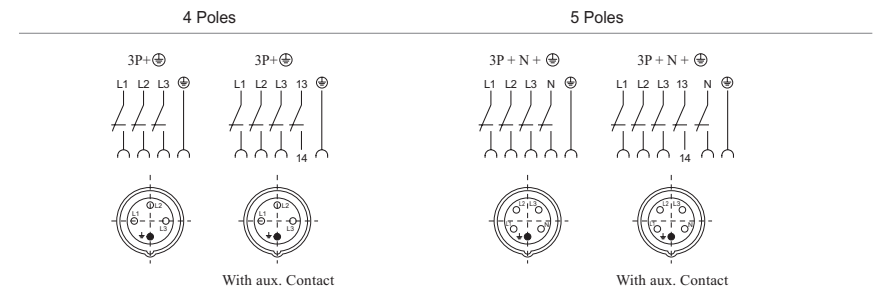
63A-5 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Order No.
	 200-250V 380-415V 3P + N + PE	Wall type socket	NO	CZ0253 4506 0001
	 200-250V 380-415V 3P + N + PE	Wall type socket	Yes	CZ0253 4506 4001
	 200-250V 380-415V 3P + N + PE	Plug	NO	CZ0253 7506 0001

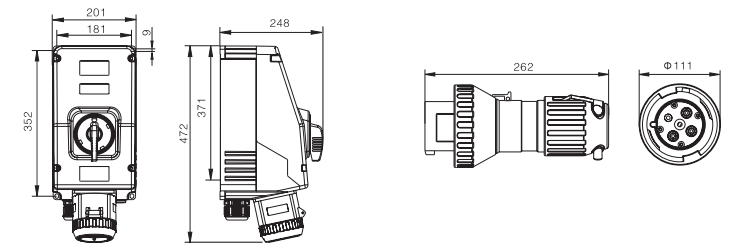


CZ0253 Full plastic Explosion-proof plugs and sockets

• Wiring diagram of socket and plug:



• Outline dimensions:



• Other forms cable entries of wall type socket:

CZ0253 4506 00

Code of cable gland

Code	Specification	Connecting board	Cable diameter
01	One moulded plastic CZ0220/M50×1.5 cable gland, one moulded plastic M50×1.5 stopping plug.	Moulded plastic	Φ22-35mm
03	One brass CZ0227/M50×1.5-G1 1/2" increasd safety metal cable gland, one moulded plastic M50×1.5 stopping plug.	Brass	Φ26-34mm
04	One brass CZ0226/M50×1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M50×1.5 stopping plug.	Brass	A: Φ29.5-36.5mm B: Φ36.5-46.5mm
05	One moulded plastic CZ0220/M50×1.5 cable gland Two moulded plastic CZ0220/M25×1.5 cable gland (With Aux.contact 1NO)	Moulded plastic	Φ22-35mm Φ8-17mm



CZ0254 Full plastic Explosion-proof plugs and sockets

• Main technical data:

Ex mark:

Ⓜ II 2GD Ex de II CT 5 Gb Ex tD A21 T 95°C Ta < 45°C

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 < 45°C

Degree of protection: IP66

Frequency: 50/60Hz

Rated voltage: Up to 690V ~

Rated current: maximum 125A

Switch capacity: AC3 up to 690V/125A

Meet the standard: IEC60079 IEC61241 EN60079 EN61241

Conformity to: CE

Cable entry: Wall type socket (Standard configure)

Moulded puastic 1 × M63 Φ27 ~ 48mm

Moulded plastic 1 × M63 stopping plug See page 14 for other forms






4, 5 Poles plug: Cable outside diameter Φ20 ~ 57mm

Weight: Wall type socket: 13.5 kg



Plug: 1.3 kg

• Order specifications:

125A-4 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Order No.
 <p>Wall type socket</p>	 <p>200-250V 3P + PE</p>	Wall type socket Plug	NO NO	CZ0254 4409 0001 CZ0254 7409 0001
	 <p>380-415V 3P + PE</p>	Wall type socket Wall type socket Plug	NO Yes NO	CZ0254 4406 0001 CZ0254 4406 4001 CZ0254 7406 0001
	 <p>480-500V 3P + PE</p>	Wall type socket Wall type socket Plug	NO Yes NO	CZ0254 4407 0001 CZ0254 4407 4001 CZ0254 7407 0001
	 <p>600-690V 3P + PE</p>	Wall type socket Wall type socket Plug	NO Yes NO	CZ0254 4405 0001 CZ0254 4405 4001 CZ0254 7405 0001

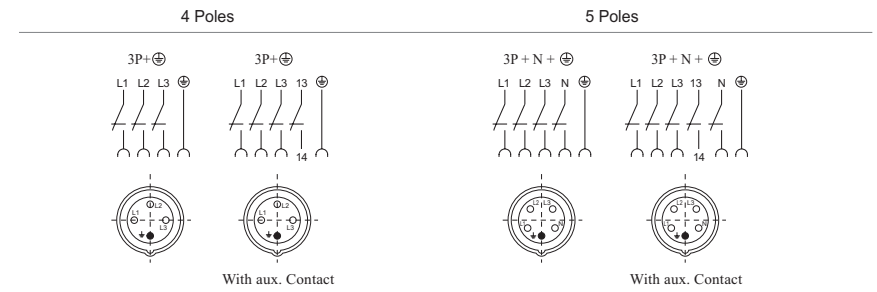
125A-5 Poles

Illustration	Clock h and voltage	Type	Aux. Contact	Order No.
 <p>Plug</p>	 <p>200-250V 380-415V 3P + N + PE</p>	Wall type socket Wall type socket Plug	NO Yes NO	CZ0254 4506 0001 CZ0254 4506 4001 CZ0254 7506 0001

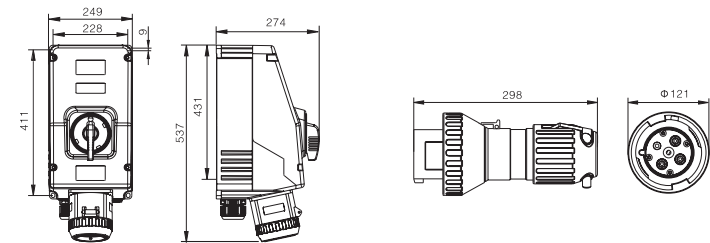


CZ0254 Full plastic Explosion-proof plugs and sockets

• Wiring diagram of socket and plug:



• Outline dimensions:



• Other forms cable entries of wall type socket:


CZ0254 4506 00

Code of cable gland

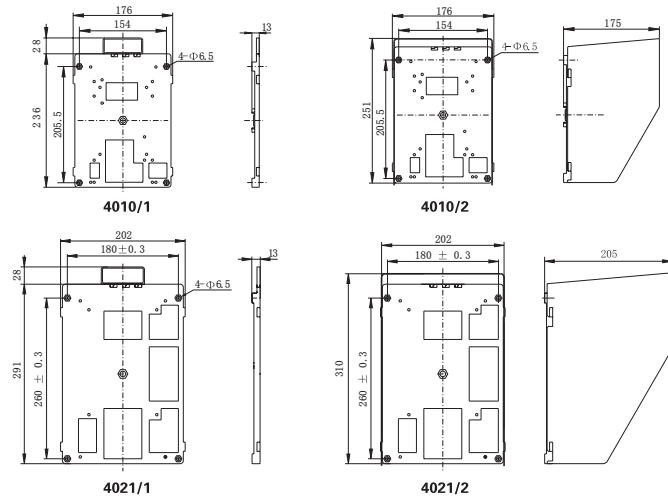
Code	Specification	Connecting board	Cable diameter
01	One moulded plastic CZ0220/M63 × 1.5 cable gland, one moulded plastic M63 × 1.5 stopping plug.	Moulded plastic	Φ 27-48mm
03	One brass CZ0227/M63 × 1.5-G2" increasd safety metal cable gland, one moulded plastic M63 × 1.5 stopping plug.	Brass	Φ 35-46mm
04	One brass CZ0226/M63 × 1.5 increasd safety metal cable gland (stuffing boxes), one moulded plastic M63 × 1.5 stopping plug.	Brass	A: Φ 35.5-42.5mm B: Φ 43-53mm
05	One moulded plastic CZ0220/M63 × 1.5 cable gland Two moulded plastic CZ0220/M25 × 1.5 cable gland (With Aux.contact INO)	Moulded plastic	Φ 27-48mm Φ 8-17mm



- Accessories: plastic mounting bracket and water-proof cover

Illustration	Description	Order No.
 <p>Pendant type mounting way</p>	Use for CZ0251 Wall type explosion-proof socket	4010/1
	Use for CZ0252 Wall type explosion-proof socket	4021/1
 <p>Pendant type with stainless steel rain-proof cover</p>	Use for CZ0251 Wall type explosion-proof socket	4010/2
	Use for CZ0252 Wall type explosion-proof socket	4021/2

- Outline dimensions:



Memo:
