

CZ025



Descriptions

The full plastic explosion-proof plugs 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 need to be moved and transformed frequently.

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 interlock switch is equipped with the 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.

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

Zone 1 and zone 2
Zone 21 and zone 22



Diagram



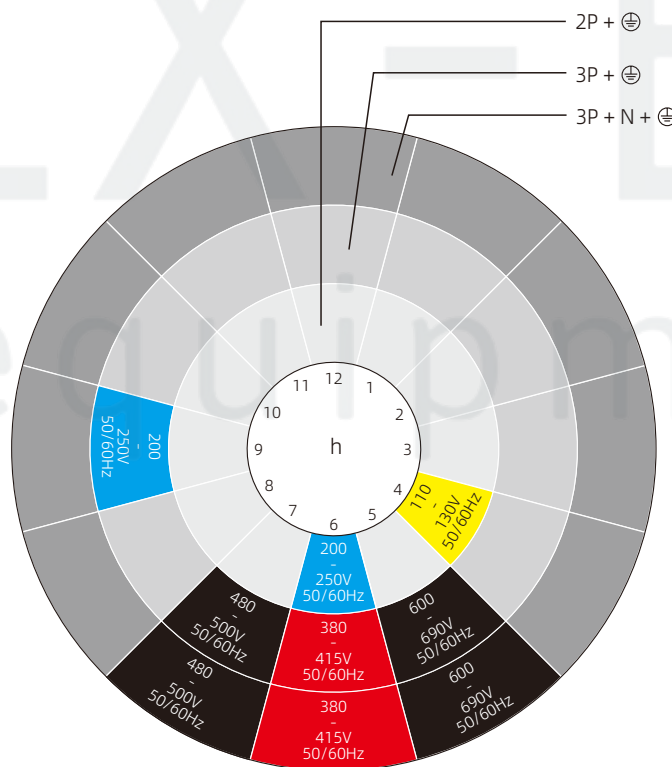
Explosion-proof plugs and sockets have the feature of self-cleaning. An flexible shutter spring is mounted in the inserting sleeve of the socket, which ensure low contact resistance and low temperature rise while reducing the force of inserting and pulling.

Shutter type spring casing

Inserting sleeve

C

Clock position and colour of explosion-proof plugs and sockets



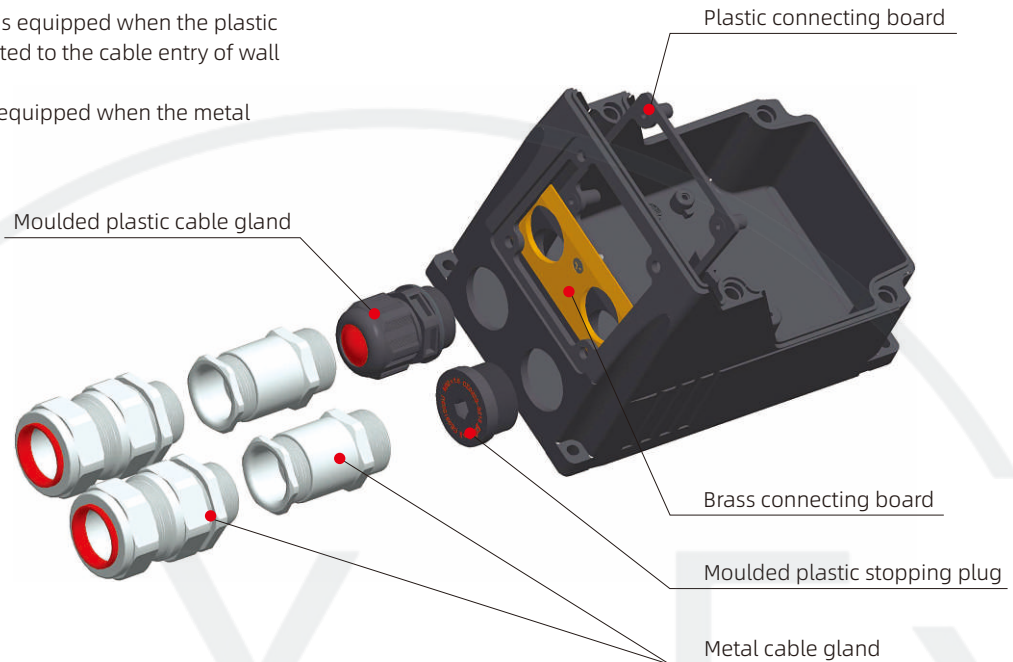
Sockets and plugs for industry are designed to conform to the international standard IEC60309, CEE publication, "Standard Requirements of sockets and plugs for industry" and GB/T11918 "Couplers of plugs and sockets for Industry".

When selecting plugs and sockets in the present range of standard for manufacturing, the circular socket and plug should be selected and the plugs and sockets have been designed. clock and colour mis-inserting proof according to different voltage, current and number of pole.

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 connected plate is equipped when the metal cable gland is selected.

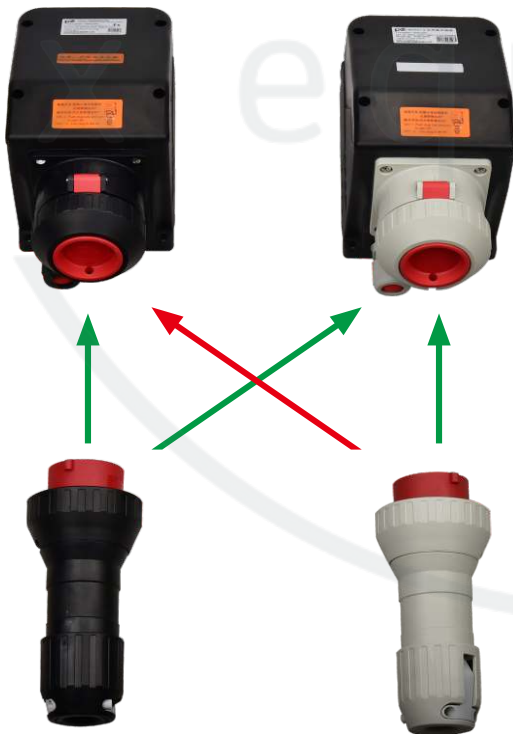


C

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

Explosion-proof socket

Industrial socket



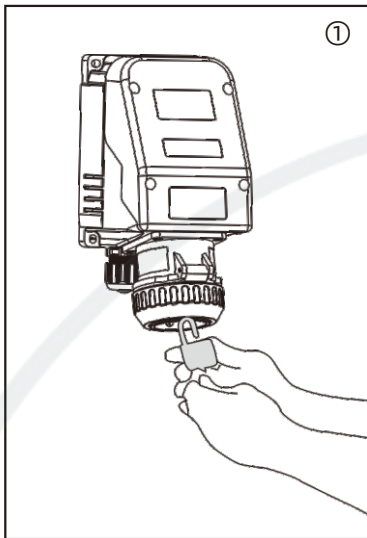
It can be inserted

It can't be inserted

Note: The explosion-proof plug can be inserted into the industrial socket but the industrial plug can't be inserted into the explosion-proof socket to use.

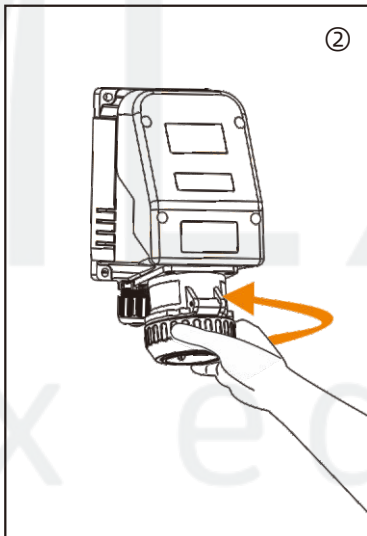
CZ0251、CZ0252 Operation

C



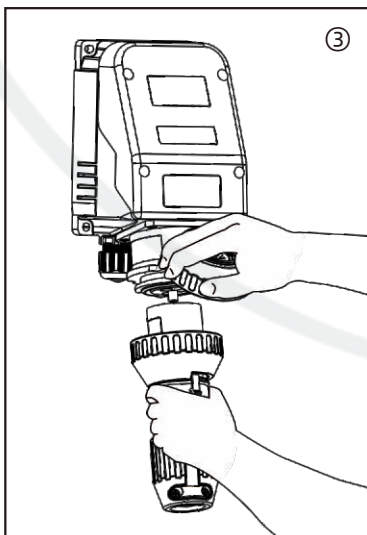
①

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



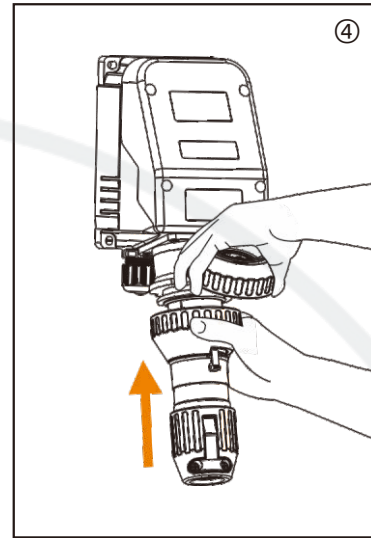
②

◀ Wall type sockets are fitted with protective covers which secure degree of protection **IP65**. When using it, turn round the cover according to arrow, and the cover will be opened, then the plug can be inserted.



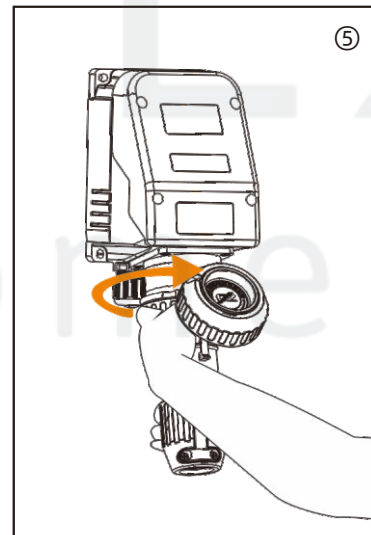
③

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



④

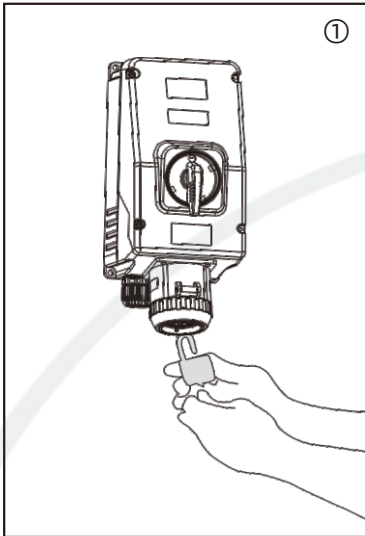
▲ Plugs insert wall type sockets completely.



⑤

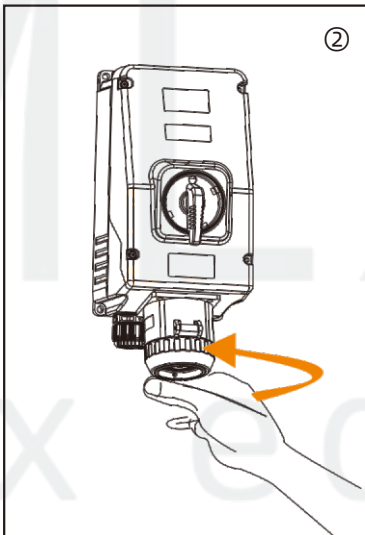
▲ Turn right the plugs, when hearing the sound of "kaca", while the power is connected. In this case, it's impossible to pull out the plug from the socket. Last revolve the plug and lock it on the socket to comply with the requirement of **IP65**.

CZ0253、CZ0254 Operation



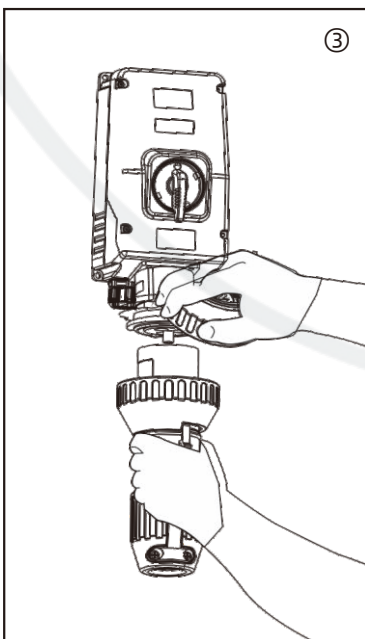
①

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



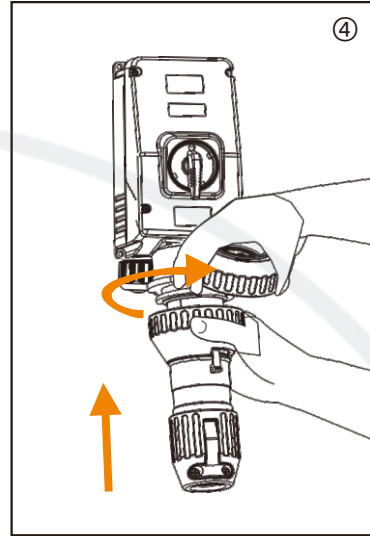
②

◀ Wall type sockets are fitted with protective covers which secure degree of protection **IP65**.
When using it, turn round the cover according to arrow, and the cover will be opened, then the plug can be inserted.



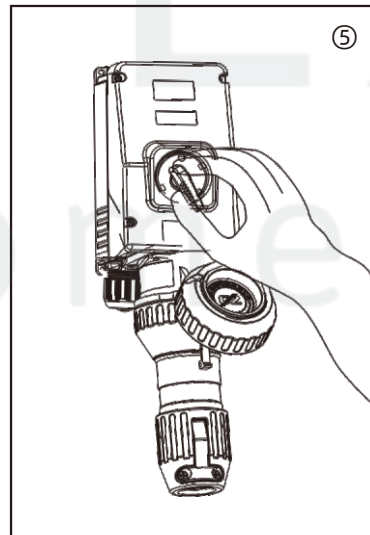
③

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



④

▲ Plugs insert wall type sockets completely, revolve the plug and lock it on the socket to comply with the requirement of **IP65**.



⑤

▲ 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 **IP65**.



Strictly prohibited to operate the switch handle, when the plug is not insert in the socket.

Main technical data

Wall type socket, plug, coupler type socket

Certification	Ex mark	Meet the standard
CCC	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+45°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	GB/T3836
IECEX	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+45°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	IEC60079
ATEX	Ex II 2GD Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+45°C) Ex II 2GD Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	EN60079

Panel type socket

Certification	Ex mark	Meet the standard
CCC	Ex db eb IIC Gb Ex tb IIIC Db	GB/T3836
IECEX	Ex db eb IIC Gb Ex tb IIIC Db	IEC60079
ATEX	Ex II 2GD Ex db eb IIC Gb Ex tb IIIC Db	EN60079

Intended use: Can be used in zone 1 and zone 2

Can be used in zone 21 and zone 22

Ambient temperature use: $-40^{\circ}\text{C} \leq T_a \leq +55^{\circ}\text{C}$

Degree of protection: IP66 (Panel type socket, coupler type socket)

IP65 (Wall type socket)

Rated current: 16A

Rated voltage: 2 poles – 50V AC 50/60Hz, 50V DC

3 poles – max 250V AC 50/60Hz

4 poles – max 690V AC 50/60Hz

5 poles – max 415V AC 50/60Hz

Rated switch capacity: AC-3 690V/16A DC-1 50V/16A

Aux. switch: AC250V/5A DC250V/0.25A

Terminals: 2×2.5mm² (wall type, panel type, coupler type socket)

1×2.5mm² (plug)

Aux. contact of wall type socket: 1×1mm²

Cable entry:

Wall type socket (Standard configure) Moulded plastic 1×M25×1.5 (cable outside diameter $\Phi 9 \sim 17\text{mm}$)

Moulded plastic 1×M25×1.5 stopping plug

Other certified cable glands can be used

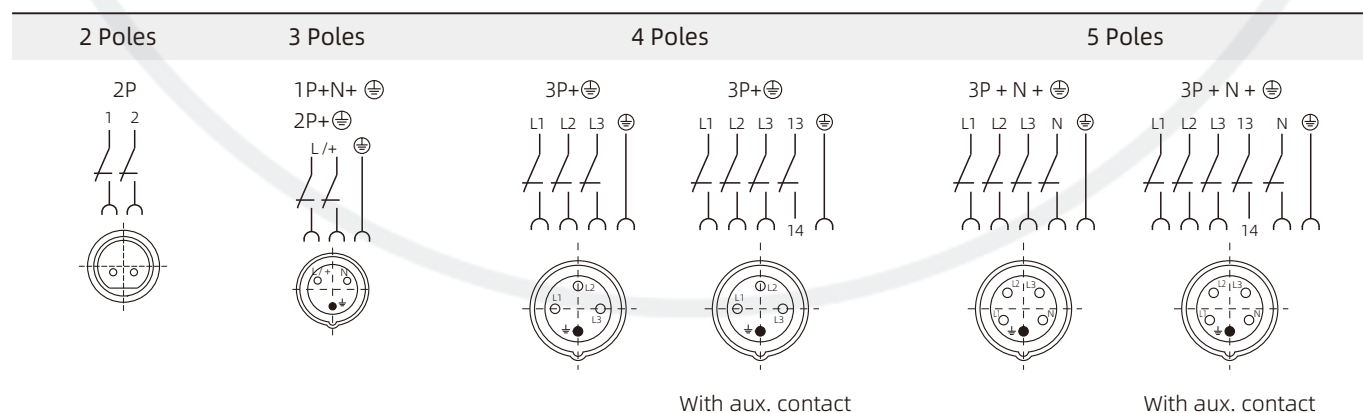
Plug, coupler type: 2 poles, 3 poles (cable outside diameter $\Phi 6.5 \sim 18.5\text{mm}$)

4 poles, 5 poles (cable outside diameter $\Phi 6.5 \sim 20\text{mm}$)

Material of enclosure: Alloy plastic of static resistance





































GRP (anti-static glass fibre reinforced polyester SMC)

Wiring diagram of socket and plug

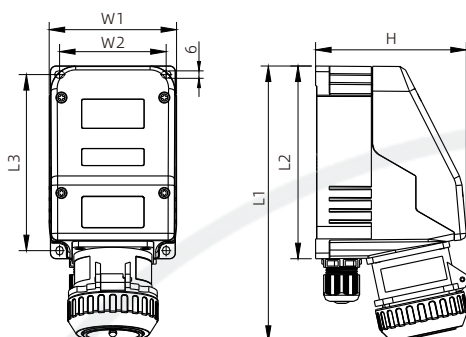


Order specifications

16A-2、3、4、5 Poles

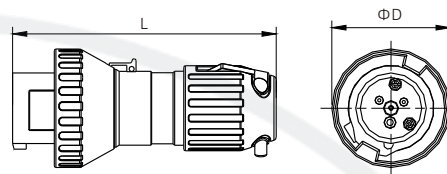
Illustration	Poles	Clock and voltage	Type	Aux. Contact	Weight	Order No.
 <p>Wall type socket</p>  <p>Panel type socket</p>  <p>Coupler type socket</p>  <p>Plug</p>  <p>Plug with protective cover</p>	2P	 <p>20-25V AC 2P</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-420000-01
		 <p>40-50V AC 2P 12h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-820000-01
		 <p>20-50V DC 2P 10h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-320000-01
					0.35kg	CZ0251-720000-01
					0.37kg	CZ0251-720000-34
					1.2kg	CZ0251-421200-01
	3P	 <p>40-50V AC 2P 12h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-821200-01
		 <p>20-50V DC 2P 10h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-321200-01
					0.35kg	CZ0251-721200-01
					0.37kg	CZ0251-721200-34
					1.2kg	CZ0251-421000-01
					0.4kg	CZ0251-821000-01
	4P	 <p>20-25V AC 2P + PE</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-321000-01
		 <p>40-50V AC 2P + PE 12h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.35kg	CZ0251-721000-01
		 <p>110-130V AC 1P + N + PE 2P + PE 4h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.37kg	CZ0251-721000-34
		 <p>200-250V AC 1P + N + PE 2P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-430000-01
					0.4kg	CZ0251-830000-01
					0.7kg	CZ0251-330000-01
	5P	 <p>200-250V AC 1P + N + PE 2P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.35kg	CZ0251-730000-01
		 <p>200-250V 3P + PE 9h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.37kg	CZ0251-730000-34
		 <p>380-415V 3P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-430400-01
					0.4kg	CZ0251-830400-01
					0.7kg	CZ0251-330400-01
					0.35kg	CZ0251-730400-01
	6P	 <p>200-250V AC 1P + N + PE 2P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.37kg	CZ0251-730400-34
		 <p>200-250V 3P + PE 9h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-430600-01
		 <p>380-415V 3P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-830600-01
					0.7kg	CZ0251-330600-01
					0.35kg	CZ0251-730600-01
					0.37kg	CZ0251-730600-34
	7P	 <p>200-250V 3P + PE 9h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-440900-01
		 <p>380-415V 3P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-840900-01
		 <p>480-500V 3P + PE 7h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-340900-01
		 <p>600-690V 3P + PE 5h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.35kg	CZ0251-740900-01
					0.37kg	CZ0251-740900-34
					1.2kg	CZ0251-440600-01
	8P	 <p>200-250V 3P + PE 9h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-440640-01
		 <p>380-415V 3P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-840600-01
		 <p>480-500V 3P + PE 7h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-340600-01
		 <p>600-690V 3P + PE 5h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.35kg	CZ0251-740600-01
					0.37kg	CZ0251-740600-34
					1.2kg	CZ0251-440500-01
	9P	 <p>200-250V 3P + PE 9h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-440540-01
		 <p>380-415V 3P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-840500-01
		 <p>480-500V 3P + PE 7h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-340500-01
		 <p>600-690V 3P + PE 5h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.35kg	CZ0251-740500-01
					0.37kg	CZ0251-740500-34
					1.2kg	CZ0251-450600-01
	10P	 <p>200-250V 3P + PE 9h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.2kg	CZ0251-450640-01
		 <p>380-415V 3P + PE 6h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.4kg	CZ0251-850600-01
		 <p>480-500V 3P + PE 7h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.7kg	CZ0251-350600-01
		 <p>600-690V 3P + PE 5h</p>	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		0.35kg	CZ0251-750600-01
					0.37kg	CZ0251-750600-34
					1.2kg	CZ0251-450600-01

Outline dimensions



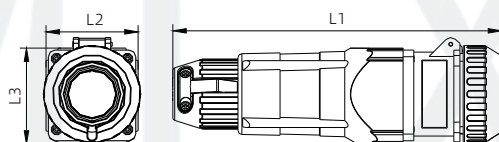
Wall type socket

Poles	W1	W2	L1	L2	L3	H
2P/3P	103	86	223	156	142	122
4P/5P	123	106	241	176	163	147



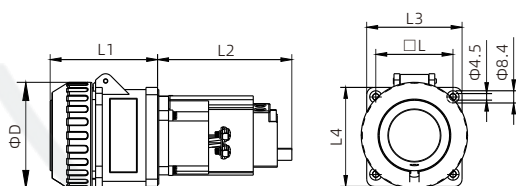
Plug

Poles	ΦD	L
2P/3P	73	163
4P	77	187
5P	84	187



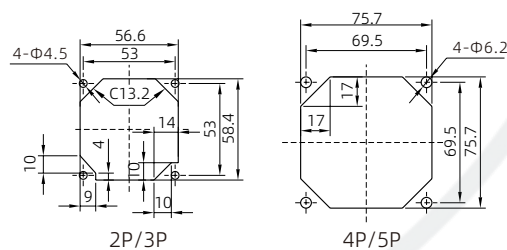
Coupler type socket

Poles	L1	L2	L3
2P/3P	247	69	72
4P/5P	279	90	93



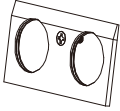
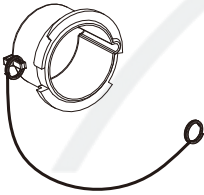
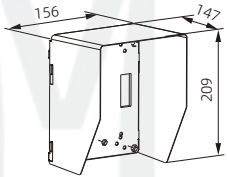
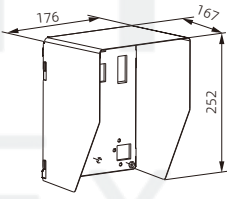
Panel type socket

Poles	ΦD	□L	L1	L2	L3	L4
2P/3P	73	53	74	95	66	68
4P	77	69.5	75	95	86	88
5P	84	69.5	75	95	86	88



Installation dimensions of panel type socket

Accessories

Illustration	Description		Weight (kg)	Pcs/package	Order No.
	Brass connecting board, to be used together with metal cable glands	2-M25×1.5 Use for CZ0251-16A-2P, 3P	0.027	10	8035/13
		2-M25×1.5 Use for CZ0251-16A-4P, 5P	0.042	10	8035/15
	Protective cover for plug	Use for CZ0251-16A-2P, 3P	0.026	10	CZ8000-8034/16A-3P
		Use for CZ0251-16A-4P	0.028	10	CZ8000-8034/16A-4P
		Use for CZ0251-16A-5P	0.033	10	CZ8000-8034/16A-5P
	Wall type with stainless steel canopy, used for 2P、3P		0.420	1	4038/11P
	Wall type with stainless steel canopy, used for 4P、5P		0.710	1	4038/12P

Main technical data

Wall type socket, plug, coupler type socket

Certification	Ex mark	Meet the standard
CCC	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+40°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	GB/T3836
IECEX	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+40°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	IEC60079
ATEX	Ex II 2GD Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+40°C) Ex II 2GD Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	EN60079

Panel type socket

Certification	Ex mark	Meet the standard
CCC	Ex db eb IIC Gb Ex tb IIIC Db	GB/T3836
IECEX	Ex db eb IIC Gb Ex tb IIIC Db	IEC60079
ATEX	Ex II 2GD Ex db eb IIC Gb Ex tb IIIC Db	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 (Panel type socket, coupler type socket)
IP65 (Wall type socket)

Rated current: 32A

Rated voltage: 4 poles – max 690V AC 50/60Hz

5 poles – max 415V AC 50/60Hz

Rated switch capacity: AC-3 690V/32A

Aux. switch: AC250V/5A DC250V/0.25A

Terminals: 2×6mm² (wall type, panel type, coupler type socket)

1×6mm² (plug)

Aux. contact of wall type socket: 1×1mm²

Cable entry:

Wall type socket (standard configure)

Moulded plastic 1×M32×1.5 (cable outside diameter Φ13 ~ 21mm)

Moulded plastic 1×M32×1.5 stopping plug

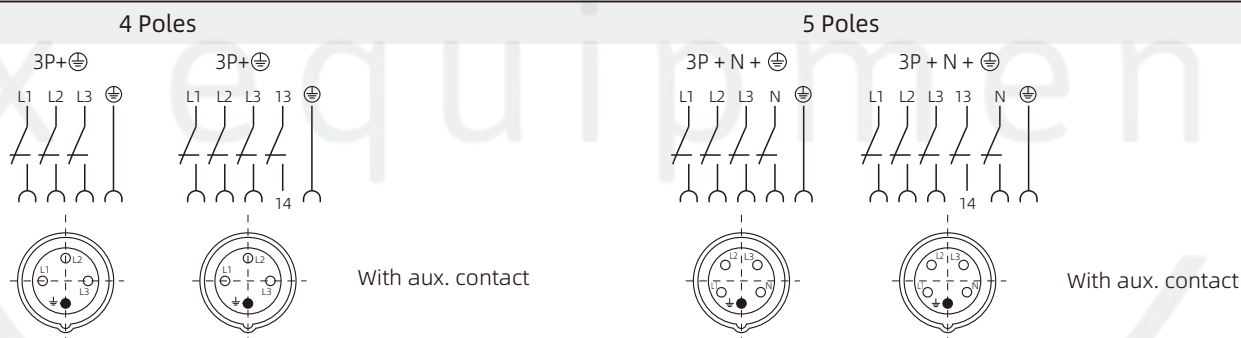
Other certified cable glands can be used

Plug, coupler type:



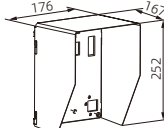
4 poles, 5 poles (cable outside diameter Φ10~ 28mm)

Material of enclosure: Alloy plastic of static resistance / GRP

Wiring diagram of socket and plug






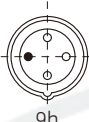
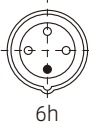
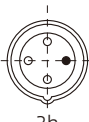
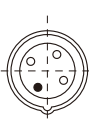




Accessories

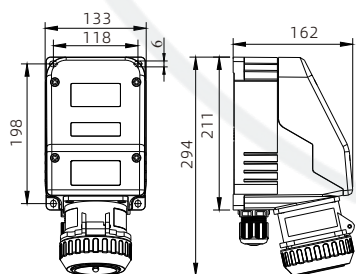
Illustration	Description		Weight (kg)	Pcs/package	Order No.
	Brass connecting board, to be used together with metal cable glands	2-M25×1.5 Use for CZ0252-32A	0.065	10	8035/25
	Protective cover for plug	Use for CZ0252-32A-4P	0.040	10	CZ8000-8034/32A-4P
		Use for CZ0252-32A-5P	0.046	10	CZ8000-8034/32A-5P
	Wall type with stainless steel canopy		0.838	1	4038/13P

Order specifications

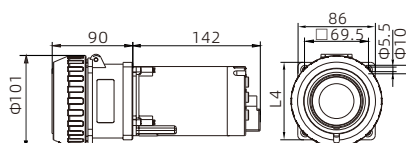
32A-4、5 Poles

Illustration	Poles	Clock and voltage	Type	Aux. Contact	Weight	Order No.
 Wall type socket  Panel type socket  Coupler type socket  Plug  Plug with protective cover	4P	 200-250V 3P + PE 9h	Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover		1.8kg 1.0kg 1.7kg 0.7kg 0.74kg	CZ0252-440900-01 CZ0252-840900-01 CZ0252-340900-01 CZ0252-740900-01 CZ0252-740900-34
		 380-415V 3P + PE 6h	Wall type socket Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover	NO YES NO NO NO NO	1.8kg 1.8kg 1.0kg 1.7kg 0.7kg 0.74kg	CZ0252-440600-01 CZ0252-440640-01 CZ0252-840600-01 CZ0252-340600-01 CZ0252-740600-01 CZ0252-740600-34
		 380-440V 3P + PE 3h	Wall type socket Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover	NO YES NO NO NO NO	1.8kg 1.8kg 1.0kg 1.7kg 0.7kg 0.74kg	CZ0252-440300-01 CZ0252-440340-01 CZ0252-840300-01 CZ0252-340300-01 CZ0252-740300-01 CZ0252-740300-34
		 480-500V 3P + PE 7h	Wall type socket Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover	NO YES NO NO NO NO	1.8kg 1.8kg 1.0kg 1.7kg 0.7kg 0.74kg	CZ0252-440700-01 CZ0252-440740-01 CZ0252-840700-01 CZ0252-340700-01 CZ0252-740700-01 CZ0252-740700-34
		 600-690V 3P + PE 5h	Wall type socket Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover	NO YES NO NO NO NO	1.8kg 1.8kg 1.0kg 1.7kg 0.7kg 0.74kg	CZ0252-440500-01 CZ0252-440540-01 CZ0252-840500-01 CZ0252-340500-01 CZ0252-740500-01 CZ0252-740500-34
	5P	 200-250V 380-415V 3P + N + PE 6h	Wall type socket Wall type socket Panel type socket Coupler type socket Plug Plug with protective cover	NO YES NO NO NO NO	1.8kg 1.8kg 1.0kg 1.7kg 0.7kg 0.74kg	CZ0252-450600-01 CZ0252-450640-01 CZ0252-850600-01 CZ0252-350600-01 CZ0252-750600-01 CZ0252-750600-34

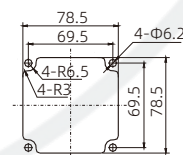
Outline dimensions



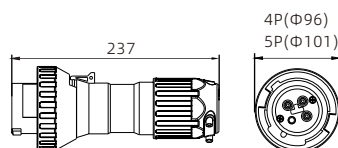
Wall type socket



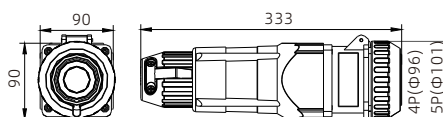
Panel type socket



Installation dimensions
of panel type socket



Plug



Coupler type socket

Main technical data

Certification	Ex mark	Meet the standard
CCC	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+40°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	GB/T3836
IECEX	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+40°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	IEC60079
ATEX	Ex II 2GD Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+40°C) Ex II 2GD Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+55°C)	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: IP65

Rated current: 63A

Rated voltage: 4 poles – max 690V AC 50/60Hz
5 poles – max 415V AC 50/60Hz

Rated switch capacity: AC-3 690V/63A

Aux. switch: AC250V/5A

Terminals: 2×16mm² (wall type socket)

1×16mm² (plug)

Aux. contact of wall type socket: 2×2.5/4mm²

Cable entry: Wall type socket (standard configure)

Moulded plastic 1×M50×1.5 (cable outside diameter Φ22 ~ 35mm)

Moulded plastic 1×M50×1.5 stopping plug


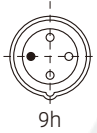









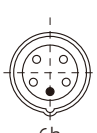
Other certified cable glands can be used

Plug: 4 poles, 5 poles (cable outside diameter Φ15~ 35mm)

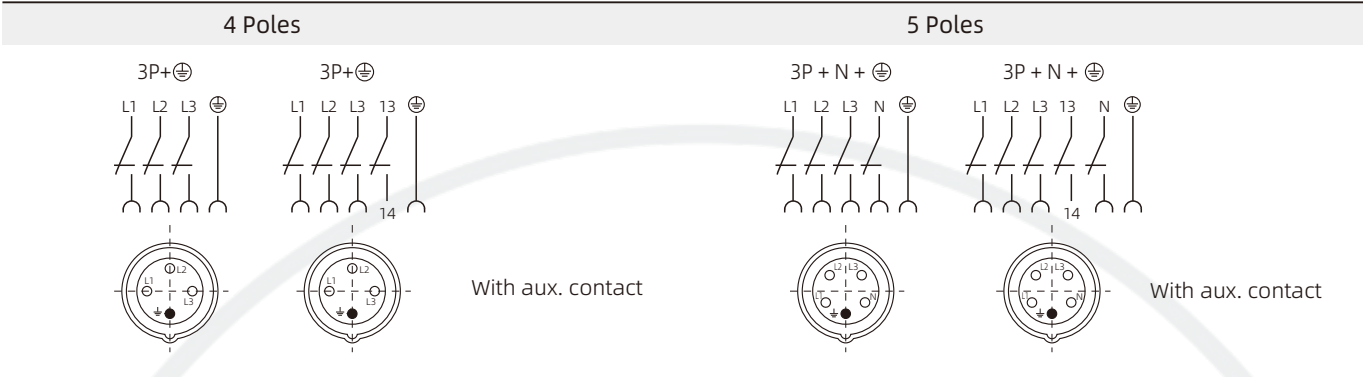
Material of enclosure: Alloy plastic of static resistance / GRP

Order specifications

63A-4、5 Poles

Illustration	Poles	Clock and voltage	Type	Aux. Contact	Weight	Order No.
	3P	 200-250V 3P + PE 9h	Wall type socket	NO	8.25kg	CZ0253-440900-01
			Plug	NO	0.81kg	CZ0253-740900-01
			Plug with protective cover	NO	0.88kg	CZ0253-740900-34
	4P	 380-415V 3P + PE 6h	Wall type socket	NO	8.25kg	CZ0253-440600-01
			Wall type socket	YES	8.30kg	CZ0253-440640-01
			Plug	NO	0.81kg	CZ0253-740600-01
	4P	 480-500V 3P + PE 7h	Plug with protective cover	NO	0.88kg	CZ0253-740600-34
			Wall type socket	NO	8.25kg	CZ0253-440700-01
			Wall type socket	YES	8.30kg	CZ0253-440740-01
	4P	 480-500V 3P + PE 7h	Plug	NO	0.81kg	CZ0253-740700-01
			Plug with protective cover	NO	0.88kg	CZ0253-740700-34
			Wall type socket	NO	8.25kg	CZ0253-440500-01
	5P	 600-690V 3P + PE 5h	Wall type socket	YES	8.30kg	CZ0253-440540-01
			Plug	NO	0.81kg	CZ0253-740500-01
			Plug with protective cover	NO	0.88kg	CZ0253-740500-34
	5P	 200-250V 380-415V 3P + N + PE 6h	Wall type socket	NO	8.25kg	CZ0253-450600-01
			Wall type socket	YES	8.30kg	CZ0253-450640-01
			Plug	NO	0.81kg	CZ0253-750600-01
			Plug with protective cover	NO	0.88kg	CZ0253-750600-34

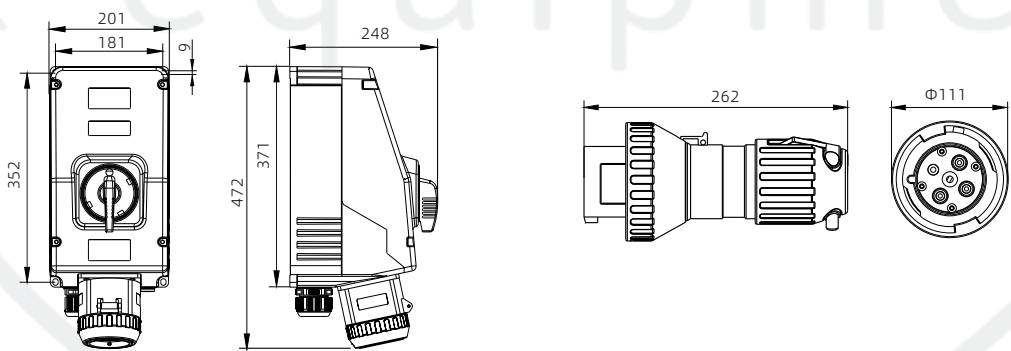
Wiring diagram of socket and plug



Accessories

Illustration	Description	Weight (kg)	Pcs/package	Order No.
	Brass connecting board, to be used together with metal cable glands 2-M50x1.5 Use for CZ0253-63A	0.258	10	8035/35
	Protective cover for plug Use for CZ0253-63A	0.074	10	CZ8000-8034/63A

Outline dimensions



Main technical data

Certification	Ex mark	Meet the standard
CCC: 2019312308000009	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db (Ta≤+30°C) Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db (Ta≤+45°C)	GB/T3836 GB12476
IECEX: IECEX CQM 10.0002X	Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db	IEC60079
ATEX: (DNV) Presafe 16 ATEX 8607X	Ex II 2GD Ex db eb IIC T5 Gb Ex tb IIIC T95°C Db	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: IP65

Rated current: 125A (-40°C≤Ta≤+45°C)

115A (-40°C≤Ta≤+55°C)

Rated voltage: max 690V AC 50/60Hz

Rated switch capacity: AC-3 690V/125A

Aux. switch: AC250V/5A

Terminals: 2×50mm² (wall type socket)

1×50mm² (plug)

Aux. contact of wall type socket: 2×2.5mm²

Cable entry: Wall type socket (standard configure)

Moulded plastic 1×M63×1.5 (cable outside diameter Φ27 ~ 48mm)

Moulded plastic 1×M63×1.5 stopping plug


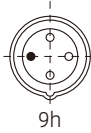


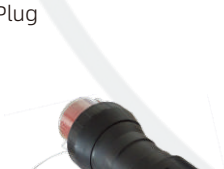



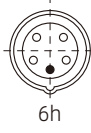
Other certified cable glands can be used

Plug: 4 poles, 5 poles (cable outside diameter Φ20~ 57mm)

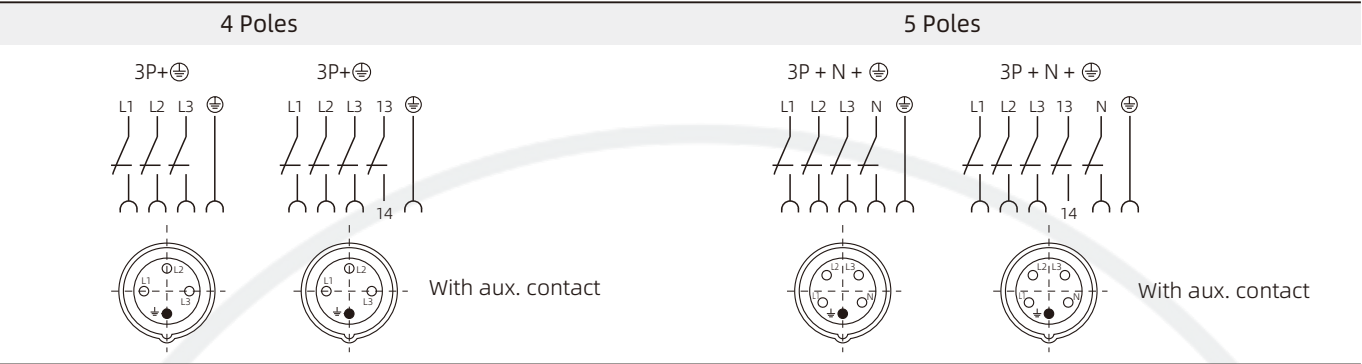
Material of enclosure: Alloy plastic of static resistance / GRP

Order specifications

125A-4、5 Poles

Illustration	Poles	Clock and voltage	Type	Aux. Contact	Weight	Order No.
	3P	 200-250V 3P + PE 9h	Wall type socket	NO	13.00kg	CZ0254-440900-01
			Plug	NO	1.25kg	CZ0254-740900-01
			Plug with protective cover	NO	2.21kg	CZ0254-740900-34
	4P	 380-415V 3P + PE 6h	Wall type socket	NO	13.00kg	CZ0254-440600-01
			Wall type socket	YES	13.06kg	CZ0254-440640-01
			Plug	NO	1.25kg	CZ0254-740600-01
	4P	 480-500V 3P + PE 7h	Plug with protective cover	NO	2.21kg	CZ0254-740600-34
			Wall type socket	NO	13.00kg	CZ0254-440700-01
			Wall type socket	YES	13.06kg	CZ0254-440740-01
	4P	 600-690V 3P + PE 5h	Plug	NO	1.25kg	CZ0254-740700-01
			Plug with protective cover	NO	2.21kg	CZ0254-740700-34
			Wall type socket	NO	13.00kg	CZ0254-440500-01
	5P	 200-250V 380-415V 3P + N + PE 6h	Wall type socket	YES	13.06kg	CZ0254-440540-01
			Plug	NO	1.25kg	CZ0254-740500-01
			Plug with protective cover	NO	2.21kg	CZ0254-740500-34
	5P		Wall type socket	NO	13.00kg	CZ0254-450600-01
			Wall type socket	YES	13.06kg	CZ0254-450640-01
			Plug	NO	1.25kg	CZ0254-750600-01
			Plug with protective cover	NO	2.21kg	CZ0254-750600-34

Wiring diagram of socket and plug



Accessories

Illustration	Description	Weight (kg)	Pcs/package	Order No.
	Brass connecting board, to be used together with metal cable glands 2-M63×1.5 Use for CZ0254-125A	0.258	4	8035/45
	Protective cover for plug Use for CZ0254-125A	0.074	4	CZ8000-8034/125A

Outline dimensions

