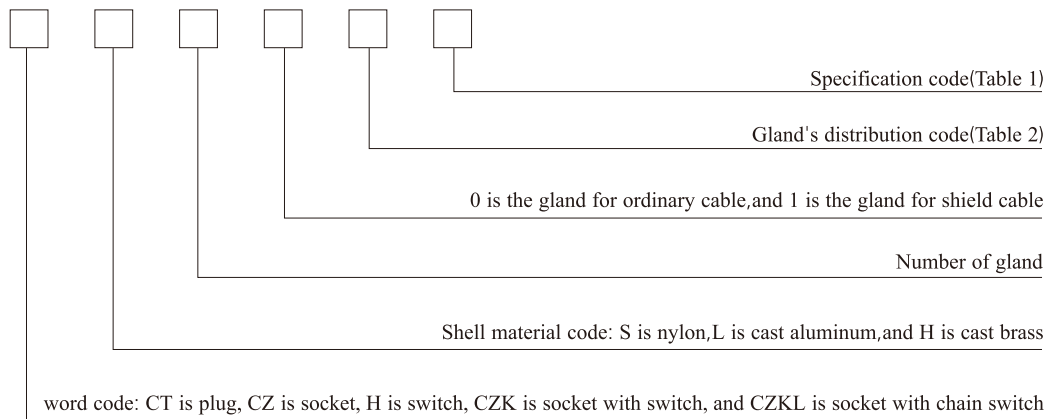


SHIP ELECTRIC SERIES

The model formation of 16A/10A marine plug, socket, switch and socket with switch.



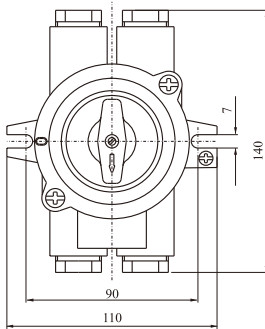
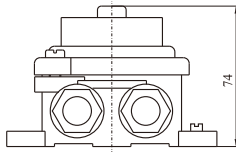
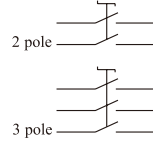
(Table 1) Specification code

Representative	1	2	3	4	5
Voltage	24V	125V	250V	380V/440V	380V/440V
Current	10A/16A	10A/16A	10A/16A	10A/16A	10A/16A
Pole number	2+E	2+E	2+E	2+E	3+E
Protection class	IP56	IP56	IP56	IP56	IP56
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz

(Table 2) gland's distribution code

Representative	Outline drawing
1	—O —O—
2	=O
3	O— O=

HH
10A/16A MARINE BRASS SWITCH

 Protection class: IP56
 Cable outside Diameter: $\phi 14 - \phi 16$

Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should not exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89270

	Voltage	24V	125V	250V	380V/440V	380V/440V
O-	Code	1133				
	General cable type	HH101-1	HH101-2	HH101-3	HH101-4	HH101-5
	Shield cable type	HH111-1	HH111-2	HH111-3	HH111-4	HH111-5
	Weight	0.80kg				
-O-	Code	1133/D				
	General cable type	HH201-1	HH201-2	HH201-3	HH201-4	HH201-5
	Shield cable type	HH211-1	HH211-2	HH211-3	HH211-4	HH211-5
	Weight	1.00kg				
O=	Code	1133/2				
	General cable type	HH202-1	HH202-2	HH202-3	HH202-4	HH202-5
	Shield cable type	HH212-1	HH212-2	HH212-3	HH212-4	HH212-5
	Weight	1.00kg				
-O=	Code	1133/3				
	General cable type	HH302-1	HH302-2	HH302-3	HH302-4	HH302-5
	Shield cable type	HH312-1	HH312-2	HH312-3	HH312-4	HH312-5
	Weight	1.10kg				
=O=	Code	1133/2D				
	General cable type	HH402-1	HH402-2	HH402-3	HH402-4	HH402-5
	Shield cable type	HH412-1	HH412-2	HH412-3	HH412-4	HH412-5
	Weight	1.10kg				



JXH

10A/16A MARINE BRASS JUNCTION BOX

Technical characteristic

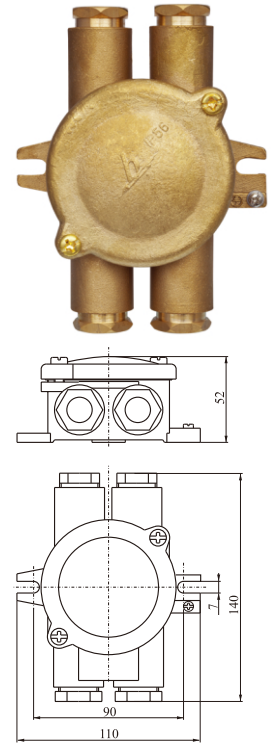
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The temperature rise of conductive part should don't exceed 40K.
3. The metal shell should have reliable earthing device.
4. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard DIN89250

	-O-	O=	-O-	-O=	-O-	=O=
Code	1151	1150	1152	1156	1153	1155
General cable type	JXH201	JXH202	JXH301	JXH302	JXH401	JXH402
Shield cable type	JXH211	JXH212	JXH311	JXH312	JXH411	JXH412
Weight	0.80kg	0.80kg	0.90kg	0.90kg	1.00kg	1.00kg
Protection class	IP56					
Cable outside Diameter	φ 14- φ 16					



patent No. : ZL2006 3010 3652.4

CTH

10A/16A MARINE BRASS PLUG






Technical characteristic

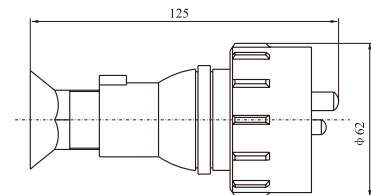
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard DIN89267

Code	1142/MS				
Plug pin diagram					
Voltage	24V	125V	250V	500V	500V
General cable type	CTH101-1	CTH101-2	CTH101-3	CTH101-4	CTH101-5
Shield cable type	CTH111-1	CTH111-2	CTH111-3	CTH111-4	CTH111-5
Weight	0.56kg	0.57kg	0.57kg	0.57kg	0.58kg
Protection class	IP56				
Cable outside Diameter	φ 14- φ 16				

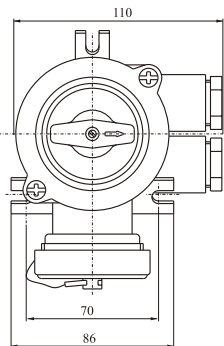
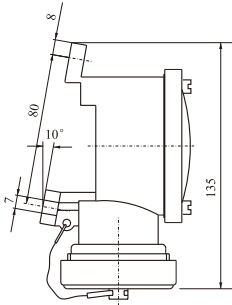


CZKH

10A/16A MARINE BRASS SOCKET WITH SWITCH



Protection class: IP56
Cable outside Diameter: $\phi 14 - \phi 16$



Technical characteristic






1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89263

Voltage		24V	125V	250V	500V	500V
Plug pin diagram						
Code		1144				
-O	General cable type	CZKH101-1	CZKH101-2	CZKH101-3	CZKH101-4	CZKH101-5
	Shield cable type	CZKH111-1	CZKH111-2	CZKH111-3	CZKH111-4	CZKH111-5
	Weight	1.50kg	1.60kg	1.60kg	1.60kg	1.70kg
	Code	1144/R				
O-	General cable type	CZKH109-1	CZKH109-2	CZKH109-3	CZKH109-4	CZKH109-5
	Shield cable type	CZKH119-1	CZKH119-2	CZKH119-3	CZKH119-4	CZKH119-5
	Weight	1.50kg	1.60kg	1.60kg	1.60kg	1.70kg
-O-	Code	1144/D				
	General cable type	CZKH201-1	CZKH201-2	CZKH201-3	CZKH201-4	CZKH201-5
	Shield cable type	CZKH211-1	CZKH211-2	CZKH211-3	CZKH211-4	CZKH211-5
=O	Weight	1.70kg	1.80kg	1.80kg		1.90kg
	Code	1144/2				1.80kg
	General cable type	CZKH202-1	CZKH202-2	CZKH202-3	CZKH202-4	CZKH202-5
	Shield cable type	CZKH212-1	CZKH212-2	CZKH212-3	CZKH212-4	CZKH212-5
O=	Weight	1.70kg	1.80kg	1.50kg	1.80kg	1.690kg
	Code	1144/2/R				
	General cable type	CZKH209-1	CZKH209-2	CZKH209-3	CZKH209-4	CZKH209-5
O=	Shield cable type	CZKH219-1	CZKH219-2	CZKH219-3	CZKH219-4	CZKH219-5
	Weight	1.70kg	1.80kg	1.80kg	1.80kg	1.90kg



10A/16A MARINE BRASS SOCKET


Protection class: IP56
 Cable outside Diameter: $\phi 14 - \phi 16$

Technical characteristic

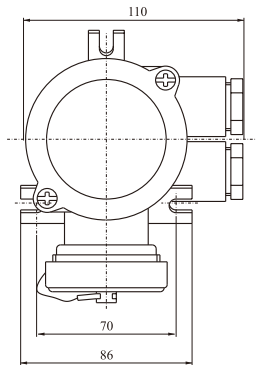
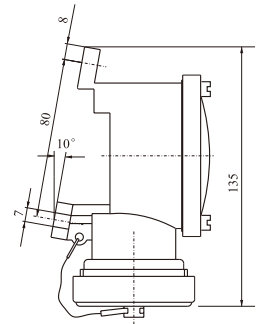
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89262

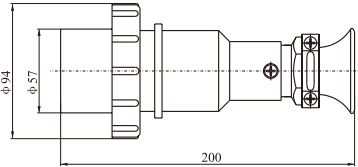


	Voltage	24V	125V	250V	500V	500V
	Plug pin diagram					
	Code	1141				
-O	General cable type	CZH101-1	CZH101-2	CZH101-3	CZH101-4	CZH101-5
	Shield cable type	CZH111-1	CZH111-2	CZH111-3	CZH111-4	CZH111-5
	Weight	1.30kg	1.40kg	1.40kg	1.50kg	1.50kg
	Code	1141/R				
O	General cable type	CZH109-1	CZH109-2	CZH109-3	CZH109-4	CZH109-5
	Shield cable type	CZH119-1	CZH119-2	CZH119-3	CZH119-4	CZH119-5
	Weight	1.30kg	1.40kg	1.40kg	1.50kg	1.50kg
-O	Code	1141/D				
	General cable type	CZH201-1	CZH201-2	CZH201-3	CZH201-4	CZH201-5
	Shield cable type	CZH211-1	CZH211-2	CZH211-3	CZH211-4	CZH211-5
Weight	1.40kg	1.50kg	1.50kg	1.50kg	1.60kg	
=O	Code	1141/2				
	General cable type	CZH202-1	CZH202-2	CZH202-3	CZH202-4	CZH202-5
	Shield cable type	CZH212-1	CZH212-2	CZH212-3	CZH212-4	CZH212-5
Weight	1.40kg	1.50kg	1.50kg	1.50kg	1.60kg	
O=	Code	1141/2/R				
	General cable type	CZH209-1	CZH209-2	CZH209-3	CZH209-4	CZH209-5
	Shield cable type	CZH219-1	CZH219-2	CZH219-3	CZH219-4	CZH219-5
Weight	1.40kg	1.50kg	1.50kg	1.50kg	1.60kg	



CTS3-2/15

MARINE BRASS HIGH-CURRENT WATER-TIGHT PLUG



Rating voltage: AC440/380V
Rating current: 32A
Protection class: IP56
Cable outside Diameter: $\phi 18-\phi 20$
Weight: 1.6kg

Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.

Production authentication

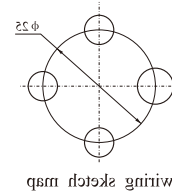
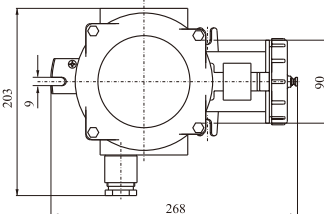
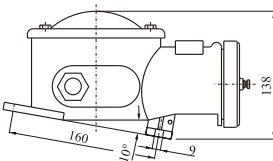
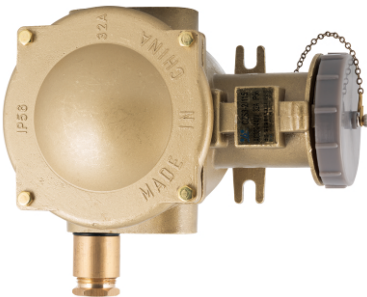
1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

CB/T 3897-2011

CZS3-2/

MARINE BRASS HIGH-CURRENT WATER-TIGHT SOCKET



wiring sketch map

Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

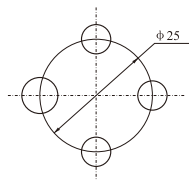
1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

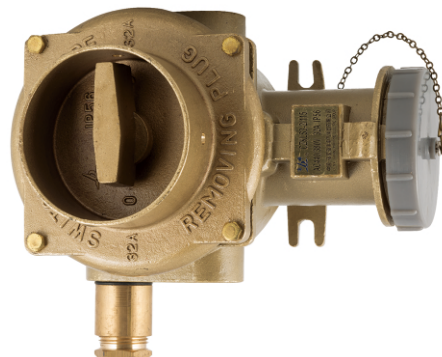
CB/T 3897-2011

Type	CZS3-2/115	CZS3-2/215	CZS3-2/415	CZS3-2/515	CZS3-2/715
Sketch map	-O	O-	=O	O=	-O-
Weight	4.7kg	4.7kg	4.9kg	4.9kg	4.9kg
Rating voltage	AC440/380V				
Rating current	32A				
Protection class	IP56				
Cable outside Diameter	$\phi 14-\phi 16$				



MARINE BRASS HIGH-CURRENT WATER-TIGHT SOCKET WITH CHAIN SWITCH


wiring sketch map


Technical characteristic

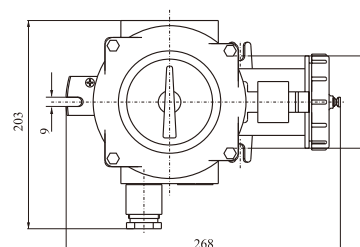
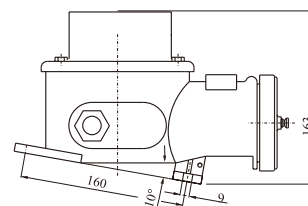
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

CB/T 3897-2011

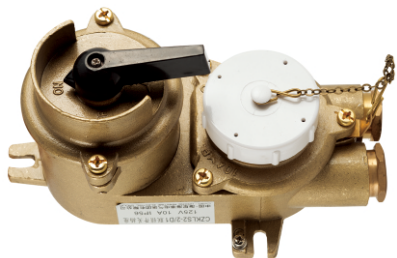


Type	CZKLS3-2/115	CZKLS3-2/215	CZKLS3-2/415	CZKLS3-2/515	CZKLS3-2/715
Sketch map	-O	O-	=O	O=	-O-
Weight	5.6kg	5.6kg	5.9kg	5.9kg	5.9kg
Rating voltage	AC440/380V				
Rating current	32A				
Protection class	IP56				
Cable outside Diameter	φ 14- φ 16				



CZKLS2-2/

MARINE BRASS SOCKET WITH CHAIN SWITCH

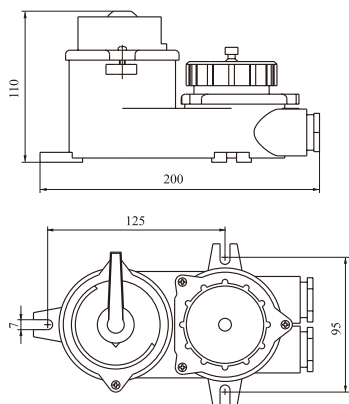






Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

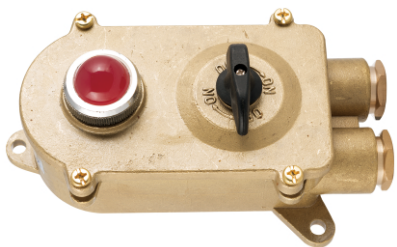
1. Approved by CE.
2. Approved by CCS(China Classification Society).



Plug pin diagram				
Rating voltage	125V	250V	500V	500V
Type	CZKLS2-2/D ₁	CZKLS2-2/D ₂	CZKLS2-2/D ₃	CZKLS3-2/D ₃
Rating current	10A	10A	10A	10A
Weight	2.14kg	2.14kg	2.14kg	2.16kg
Protection class	IP56			
Cable outside Diameter	φ 14- φ 16			

HSD2-2

MARINE BRASS SWITCH WITH INDICATOR LIGHT



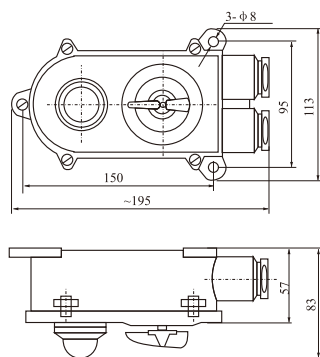
Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The metal shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

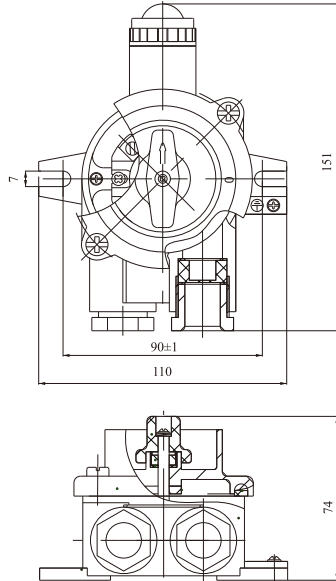
1. Approved by CE.
2. Approved by CCS(China Classification Society).

Protection class: IP56
 Cable outside Diameter: φ14-φ16
 Rating voltage: 250V
 Rating current: 10A
 Weight: 1.63kg

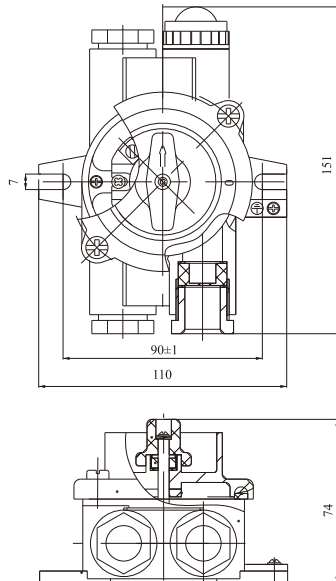


MARINE BRASS BAND SIGNAL SWITCH

Name: Marine brass band signal switch
 Type: HSD2-3
 Voltage: 250V
 Current: 10/16A
 Protection class: IP56
 Standard: CB 3412-92, DIN89262



Name: Marine brass band signal switch
 Type: HSD2-4
 Voltage: 250V
 Current: 10/16A
 Protection class: IP56
 Standard: CB 3412-92, DIN89262



CZKH2-2

MARINE DUAL BRASS SOCKET WITH SWITCH



The scope of application:

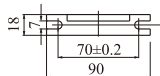
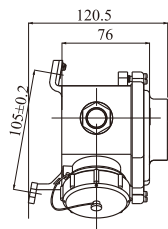
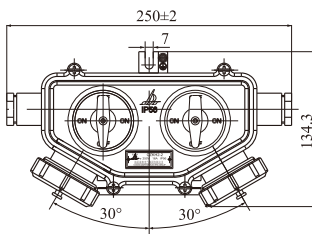
Installed in the naval ship, used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.

Products characteristic:

1. The shell is made of good quality cast brass, surface leaching acrylic varnish, with smooth surface, uniform color, excellent weather ability and corrosion-resisting.
2. The single pole pullout force should be not less than 4N;
3. The temperature rise of conductive part should not exceed 40K;

Production authentication:

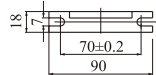
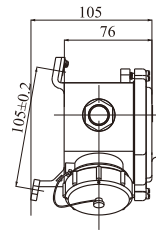
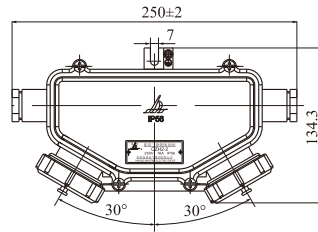
CB 3412-1992



Type	CZKH2-2
Rated voltage	250V
Rated current	16A 2P+E
Weight	Kg
Protection class	IP56
Cable Outside diameter	Φ 14~ Φ 16



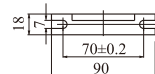
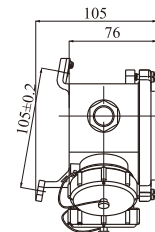
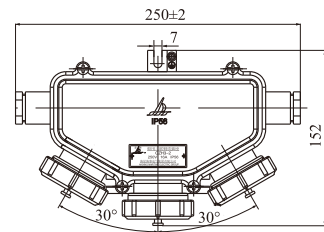
MARINE BRASS SOCKET CZH2-2 CZH3-2



CZH2-2
 Marine dual brass socket



CZH3-2
 Marine triple brass socket



The scope of application:

Installed in the naval ship, used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.

Products characteristic:

1. The shell is made of good quality cast brass, surface leaching acrylic varnish, smooth surface, uniform color, excellent weather ability and corrosion-resisting.
2. The single pole pullout force should be not less than 4N;
3. The temperature rise of conducive part should not exceed 30K;

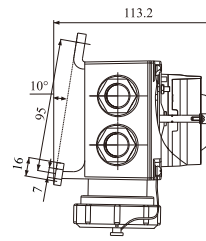
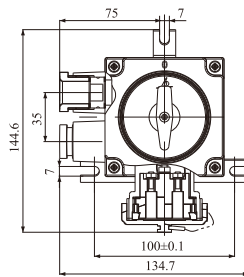
Production authentication:

CB 3412-1992

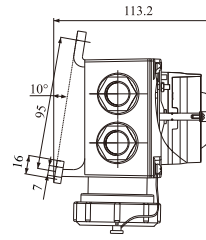
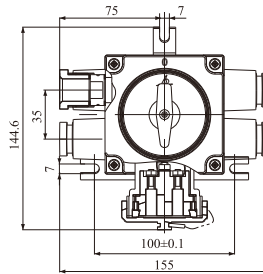
Type	CZH2-2	CZH3-2
Rated voltage	250V	
Rated current	16A 2P+E	
Weight		
Protection class	IP56	
Cable Outside diameter	Φ 14~Φ 16	



CZKD



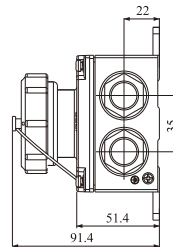
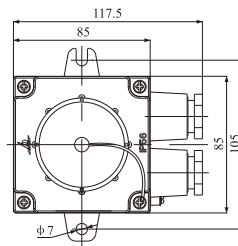
Name: Switch with socket
 Type: CZKD-2-
 Current: 10A
 Protection class: IP56
 Standard: CB3412-92



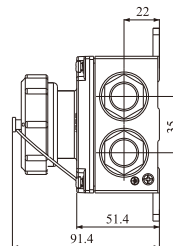
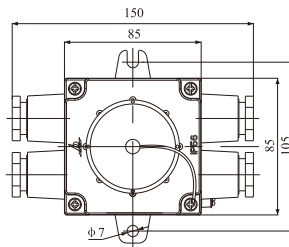
Name: Switch with socket
 Type: CZKD-4-
 Current: 10A
 Protection class: IP56
 Standard: CB3412-92

Type	CZKD-2-1 CZKD-4-1	CZKD-2-2 CZKD-4-2	CZKD-2-3 CZKD-4-3	CZKD-2-4 CZKD-4-4	CZKD-2-5 CZKD-4-5
Voltage	24V	125V	250V	500V	500V

CZHD



Name: Socket
 Type: CZHD-2-
 Current: 10A
 Protection class: IP56
 Standard: CB3412-92

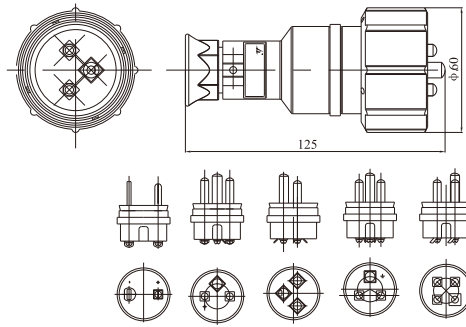


Name: Socket
 Type: CZHD-4-
 Current: 10A
 Protection class: IP56
 Standard: CB3412-92

Type	CZHD-2-1 CZHD-4-1	CZHD-2-2 CZHD-4-2	CZHD-2-3 CZHD-4-3	CZHD-2-4 CZHD-4-4	CZHD-2-5 CZHD-4-5
Voltage	24V	125V	250V	500V	500V

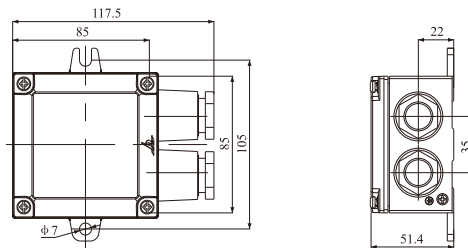


CTHD:

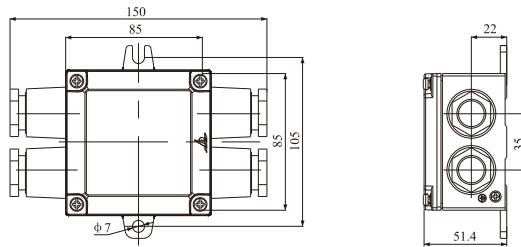


Name: plug
Type: CTHD-1/2/3/4/5
Voltage: 24V 125V 250V 500V 500V
Current: 10A
Protection class: IP56
Standard: CB3412-92

JXHD-2

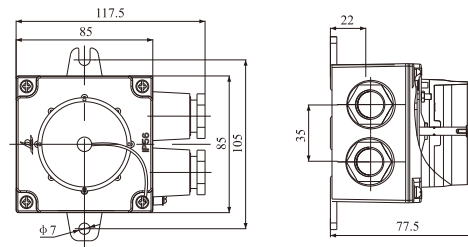


Name: Junction Box
Type: JXHD-2
Voltage: 250V
Current: 16A
Protection class: IP56
Standard: CB3412-92

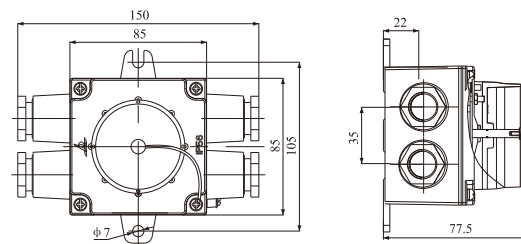


Name: Junction Box
Type: JXHD-4
Voltage: 250V
Current: 16A
Protection class: IP56
Standard: CB3412-92

HD-1-2



Name: Switch
Type: HD-1-2
Voltage: 250V
Current: 16A
Protection class: IP56
Standard: CB3412-92

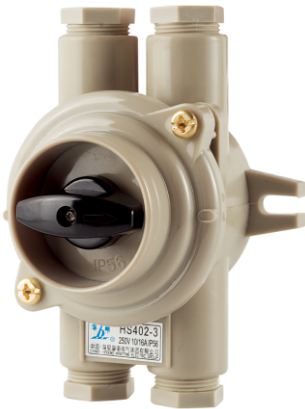


Name: Switch
Type: HD-1-4
Voltage: 250V
Current: 16A
Protection class: IP56
Standard: CB3412-92

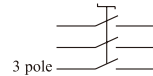
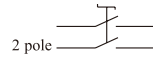


HS

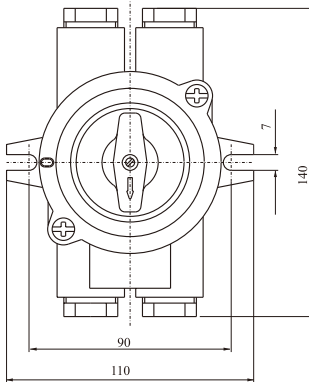
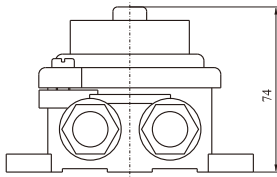
10A MARINE NYLON SWITCH



Protection class: IP56
Cable outside Diameter: $\phi 14 - \phi 16$



wiring sketch map



Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The temperature rise of conductive part should don't exceed 40K.
3. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89270

	Voltage	24V	150V	250V	380V/440V	380V/440V
O	Code	1133/FS				
	Type	HS101-1	HS101-2	HS101-3	HS101-4	HS101-5
	Weight	0.22kg	0.22kg	0.22kg	0.22kg	0.22kg
O	Code	1133/D/FS				
	Type	HS201-1	HS201-2	HS201-3	HS201-4	HS201-5
	Weight	0.23kg	0.23kg	0.23kg	0.23kg	0.23kg
O=	Code	1133/2/FS				
	Type	HS202-1	HS202-2	HS202-3	HS202-4	HS202-5
	Weight	0.23kg	0.23kg	0.23kg	0.23kg	0.23kg
-O=	Code	1133/3/FS				
	Type	HS302-1	HS302-2	HS302-3	HS302-4	HS302-5
	Weight	0.24kg	0.24kg	0.24kg	0.24kg	0.24kg
=O=	Code	1133/2D/FS				
	Type	HS402-1	HS402-2	HS402-3	HS402-4	HS402-5
	Weight	0.25kg	0.25kg	0.25kg	0.25kg	0.25kg



10A MARINE NYLON SOCKET WITH SWITCH


Protection class: IP56
 Cable outside Diameter: ϕ 14– ϕ 16

Technical characteristic

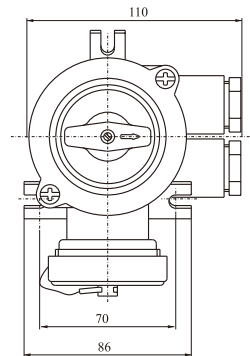
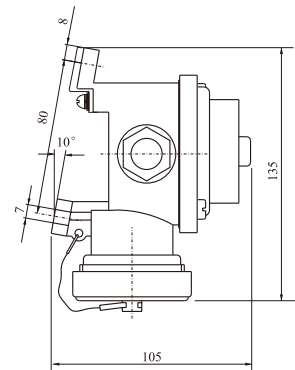
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89263



Plug pin diagram						
Voltage	24V	125V	250V	380V/440V	380V/440V	
Code	1144/FS					
–O	Type	CZKS101–1	CZKS101–2	CZKS101–3	CZKS101–4	CZKS101–5
	Weight	0.35kg	0.35kg	0.35kg	0.35kg	0.35kg
	Code	1144/R/FS				
O–	Type	CZKS109–1	CZKS109–2	CZKS109–3	CZKS109–4	CZKS109–5
	Weight	0.35kg	0.35kg	0.35kg	0.35kg	0.35kg
	Code	1144/D/FS				
–O–	Type	CZKS201–1	CZKS201–2	CZKS201–3	CZKS201–4	CZKS201–5
	Weight	0.37kg	0.37kg	0.37kg	0.37kg	0.37kg
	Code	1144/2/FS				
=O	Type	CZKS202–1	CZKS202–2	CZKS202–3	CZKS202–4	CZKS202–5
	Weight	0.37kg	0.37kg	0.37kg	0.37kg	0.37kg
	Code	1144/2/R/FS				
O=	Type	CZKS209–1	CZKS209–2	CZKS209–3	CZKS209–4	CZKS209–5
	Weight	0.37kg	0.37kg	0.37kg	0.37kg	0.37kg



CTS

10A MARINE NYLON PLUG



Technical characteristic

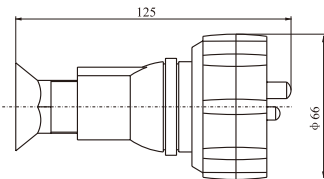
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.






Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

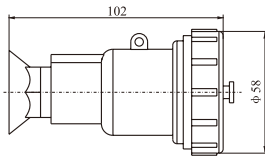
Adopt standard

DIN89267



Code	1142/FS				
Plug pin diagram					
Voltage	24V	125V	250V	380V/440V	380V/440V
Type	CTS101-1	CTS101-2	CTS101-3	CTS101-4	CTS101-5
Weight	0.2kg	0.2kg	0.2kg	0.2kg	0.2kg
Protection class	IP56				
Cable outside diameter	φ 14- φ 16				



10A MARINE NYLON SOCKET


1145/FS



Protection class: IP56
 Cable outside Diameter: $\phi 14 - \phi 16$

DIN89262

Technical characteristic

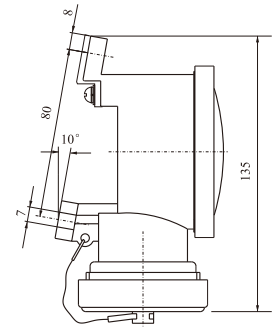
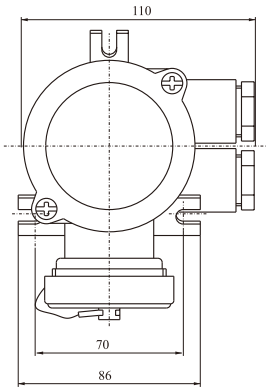
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The shell should have reliable earthing device.
5. The screw of cover plate is M6 locking screw.






Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89262



Plug pin diagram						
	Voltage	24V	125V	250V	380V/440V	380V/440V
O	Code	1145FS				
	Type	CZS102-1	CZS102-2	CZS102-3	CZS102-4	CZS102-5
	Weight	0.2kg	0.2kg	0.2kg	0.2kg	0.2kg
-O	Code	1141/FS				
	Type	CZS101-1	CZS101-2	CZS101-3	CZS101-4	CZS101-5
	Weight	0.30kg	0.30kg	0.30kg	0.30kg	0.30kg
O-	Code	1141/R/FS				
	Type	CZS109-1	CZS109-2	CZS109-3	CZS109-4	CZS109-5
	Weight	0.30kg	0.30kg	0.30kg	0.30kg	0.30kg
-O	Code	1141/D/FS				
	Type	CZS201-1	CZS201-2	CZS201-3	CZS201-4	CZS201-5
	Weight	0.31kg	0.31kg	0.31kg	0.31kg	0.31kg
=O	Code	1141/2/FS				
	Type	CZS202-1	CZS202-2	CZS202-3	CZS202-4	CZS202-5
	Weight	0.31kg	0.31kg	0.31kg	0.31kg	0.31kg
O=	Code	1141/2/R/FS				
	Type	CZS209-1	CZS209-2	CZS209-3	CZS209-4	CZS209-5
	Weight	0.31kg	0.31kg	0.31kg	0.31kg	0.31kg



JXS

10A MARINE NYLON JUNCTION BOX



Technical characteristic

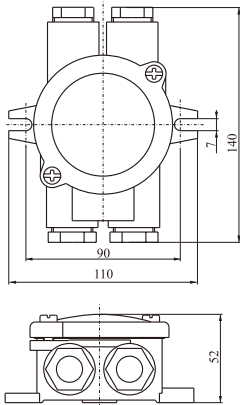
1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The temperature rise of conductive part should don't exceed 40K.
3. The screw of cover plate is M6 locking screw.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Adopt standard

DIN89250



	-O-	O=	-O-	-O=	-O-	=O=
Code	1151/FS	1150/FS	1152/FS	1156/FS	1153/FS	1155/FS
Type	JXS201	JXS202	JXS301	JXS302	JXS401	JXS402
Weight	0.20kg	0.20kg	0.21kg	0.21kg	0.22kg	0.22kg
Protection class	IP56					
Cable outside Diameter	φ 14- φ 16					

CTF

MARINE NYLON WATERTIGHT PLUG








Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

Code					
Plug pin diagram					
Voltage	250V	250V	125V	500V	500V
Type	CTF2-1	CTF2-2	CTF2-3	CTF3-1	CTF3-2
Weight	0.11kg	0.11kg	0.11kg	0.11kg	0.11kg
Protection class	IP56				
Cable outside Diameter	φ 14- φ 16				



CZF CZKF



CZF2-1



CZKF2-2
 CZKF2-3
 CZKF3-2



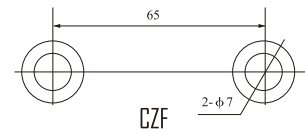
CZKF2-4
 CZKF2-5

Technical characteristic

1. Used for connecting cutting on or off the appliance circuit with AC or DC low-voltage.
2. The single pole of plug pulled out should be not less than 4N.
3. The temperature rise of conductive part should don't exceed 40K.
4. The shell should have reliable earthing device.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

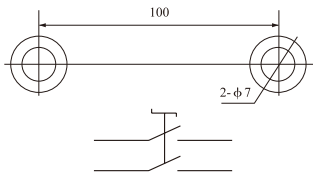


Voltage	250V	250V	125V	500V	500V
Plug pin diagram					
Type	CZF2-1	CZF2-2	CZF2-3	CZF3-1	CZF3-2
Weight	0.2 kg	0.21kg	0.21kg	0.21kg	0.22kg
Type		CZKF2-2	CZKF2-3		
Weight		0.45kg	0.44kg		
Type		CZKF2-4	CZKF2-5		CZKF3-2
Weight		0.5kg	0.45kg		0.46kg
Protection class	IP56				
Cable outside Diameter	φ 14- φ 16				



HF

MARINE NYLON WATERTIGHT SWITCH



Wiring diagram

Technical characteristic

1. Used for connecting cutting on or off the appliancate circuit with AC or DC low-voltage.
2. The temperature rise of conductive part should don't exceed 40K.

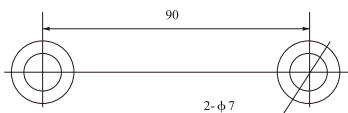
Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).

	=O	=O-	=O=
Type	HF2-2	HF3-1	HF4-1
Weight	0.35kg	0.38kg	0.4kg
Protection class	IP56		
Cable outside Diameter	φ 14- φ 16		

JXF

MARINE NYLON WATERTIGHT JUNCTION BOX






Technical characteristic

1. Used for connecting cutting on or off the appliancate circuit with AC or DC low-voltage.
2. The temperature rise of conductive part should don't exceed 40K.

Production authentication

1. Approved by CE.
2. Approved by CCS(China Classification Society).


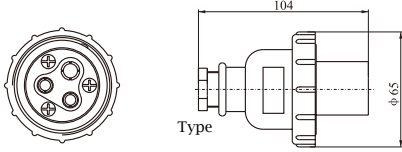

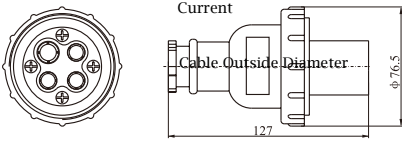

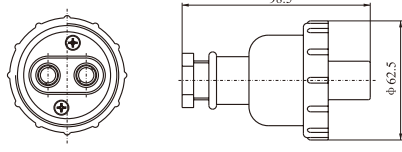

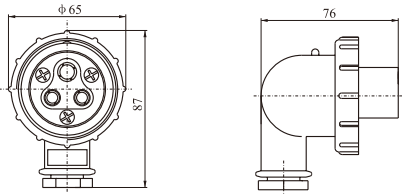

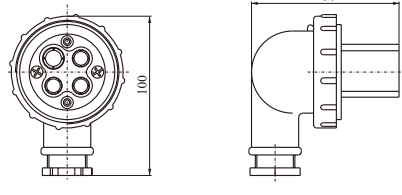

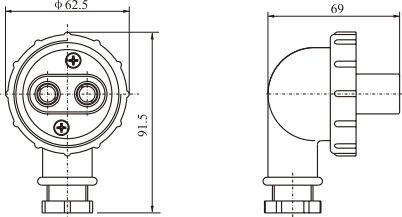
	-O-		=O=
Type of connection plank			
Type	JXF4-1	JXF4-3	JXF4-2
Gland	4 - Φ16	3-Φ16, 1 - Φ18	4 - Φ16
Voltage	250V	500V	250V
Weight	0.28kg	0.32kg	0.26kg
Protection class	IP56		
Cable outside Diameter	φ 14- φ 16		



T-

MARINE WATERTIGHT PLUG


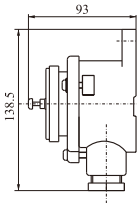
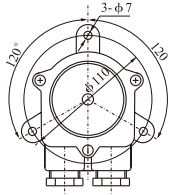

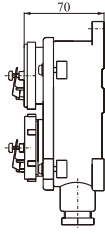
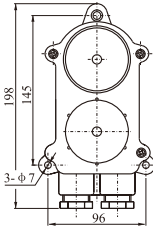

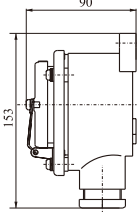
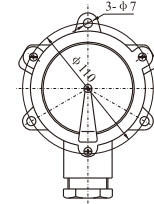

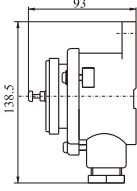
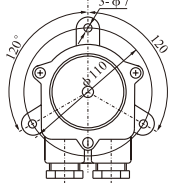

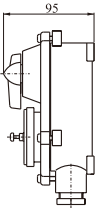
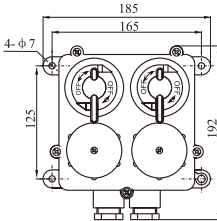

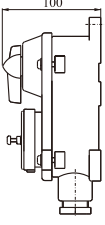
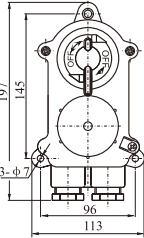
material: synthetic resin
 Protection class: IP56
 Conform to JISF8832,8833 standard

	 <p>Type</p> <p>International Code</p>	<table border="1"> <tr><td>Type</td><td>T – 1MA</td></tr> <tr><td>International Code</td><td>792801</td></tr> <tr><td>Voltage</td><td>250V</td></tr> <tr><td>Current</td><td>20A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 10– φ 11</td></tr> </table>	Type	T – 1MA	International Code	792801	Voltage	250V	Current	20A	Cable Outside Diameter	φ 10– φ 11
Type	T – 1MA											
International Code	792801											
Voltage	250V											
Current	20A											
Cable Outside Diameter	φ 10– φ 11											
	 <p>Voltage</p> <p>Current</p> <p>Cable Outside Diameter</p>	<table border="1"> <tr><td>Type</td><td>T – 2MA</td></tr> <tr><td>International Code</td><td>792803</td></tr> <tr><td>Voltage</td><td>250V</td></tr> <tr><td>Current</td><td>20A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14– φ 16</td></tr> </table>	Type	T – 2MA	International Code	792803	Voltage	250V	Current	20A	Cable Outside Diameter	φ 14– φ 16
Type	T – 2MA											
International Code	792803											
Voltage	250V											
Current	20A											
Cable Outside Diameter	φ 14– φ 16											
		<table border="1"> <tr><td>Type</td><td>T – MA</td></tr> <tr><td>International Code</td><td></td></tr> <tr><td>Voltage</td><td>24V</td></tr> <tr><td>Current</td><td>10A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 10– φ 11</td></tr> </table>	Type	T – MA	International Code		Voltage	24V	Current	10A	Cable Outside Diameter	φ 10– φ 11
Type	T – MA											
International Code												
Voltage	24V											
Current	10A											
Cable Outside Diameter	φ 10– φ 11											
		<table border="1"> <tr><td>Type</td><td>T – 1MB</td></tr> <tr><td>International Code</td><td>792802</td></tr> <tr><td>Voltage</td><td>250V</td></tr> <tr><td>Current</td><td>20A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 10– φ 11</td></tr> </table>	Type	T – 1MB	International Code	792802	Voltage	250V	Current	20A	Cable Outside Diameter	φ 10– φ 11
Type	T – 1MB											
International Code	792802											
Voltage	250V											
Current	20A											
Cable Outside Diameter	φ 10– φ 11											
		<table border="1"> <tr><td>Type</td><td>T – 2MB</td></tr> <tr><td>International Code</td><td>792804</td></tr> <tr><td>Voltage</td><td>250V</td></tr> <tr><td>Current</td><td>20A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14– φ 16</td></tr> </table>	Type	T – 2MB	International Code	792804	Voltage	250V	Current	20A	Cable Outside Diameter	φ 14– φ 16
Type	T – 2MB											
International Code	792804											
Voltage	250V											
Current	20A											
Cable Outside Diameter	φ 14– φ 16											
		<table border="1"> <tr><td>Type</td><td>T – MB</td></tr> <tr><td>International Code</td><td></td></tr> <tr><td>Voltage</td><td>24V</td></tr> <tr><td>Current</td><td>10A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 10– φ 11</td></tr> </table>	Type	T – MB	International Code		Voltage	24V	Current	10A	Cable Outside Diameter	φ 10– φ 11
Type	T – MB											
International Code												
Voltage	24V											
Current	10A											
Cable Outside Diameter	φ 10– φ 11											




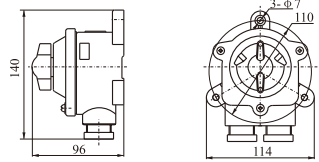

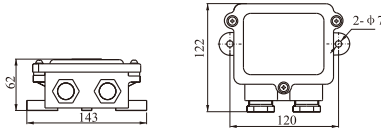

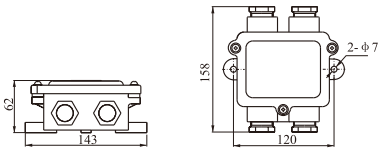

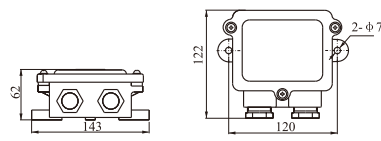

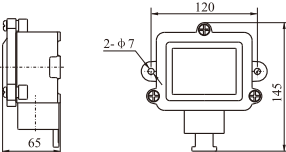

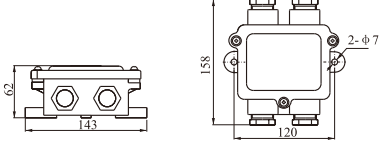
MARINE SOCKET, SOCKET WITH SWITCH

material: synthetic resin
Protection class: IP56
Conform to JISF8832,8833 standard

			<table border="1"> <tbody> <tr><td>Name</td><td>Socket</td></tr> <tr><td>Type</td><td>Z - 1M</td></tr> <tr><td>International Code</td><td>792806</td></tr> <tr><td>Voltage</td><td>2P+E 250V</td></tr> <tr><td>Current</td><td>20A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14- φ 16</td></tr> </tbody> </table>	Name	Socket	Type	Z - 1M	International Code	792806	Voltage	2P+E 250V	Current	20A	Cable Outside Diameter	φ 14- φ 16
Name	Socket														
Type	Z - 1M														
International Code	792806														
Voltage	2P+E 250V														
Current	20A														
Cable Outside Diameter	φ 14- φ 16														
			<table border="1"> <tbody> <tr><td>Name</td><td>Dual waterproof socket</td></tr> <tr><td>Type</td><td>Z - 2M</td></tr> <tr><td>International Code</td><td>792831</td></tr> <tr><td>Voltage</td><td>(2P+E) × 2 250V</td></tr> <tr><td>Current</td><td>15A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14- φ 16</td></tr> </tbody> </table>	Name	Dual waterproof socket	Type	Z - 2M	International Code	792831	Voltage	(2P+E) × 2 250V	Current	15A	Cable Outside Diameter	φ 14- φ 16
Name	Dual waterproof socket														
Type	Z - 2M														
International Code	792831														
Voltage	(2P+E) × 2 250V														
Current	15A														
Cable Outside Diameter	φ 14- φ 16														
			<table border="1"> <tbody> <tr><td>Name</td><td>Waterproof socket</td></tr> <tr><td>Type</td><td>Z-2MA</td></tr> <tr><td>International Code</td><td></td></tr> <tr><td>Voltage</td><td>3P+E 250V</td></tr> <tr><td>Current</td><td>15A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 18- φ 20</td></tr> </tbody> </table>	Name	Waterproof socket	Type	Z-2MA	International Code		Voltage	3P+E 250V	Current	15A	Cable Outside Diameter	φ 18- φ 20
Name	Waterproof socket														
Type	Z-2MA														
International Code															
Voltage	3P+E 250V														
Current	15A														
Cable Outside Diameter	φ 18- φ 20														
			<table border="1"> <tbody> <tr><td>Name</td><td>Socket</td></tr> <tr><td>Type</td><td>Z - M</td></tr> <tr><td>International Code</td><td>792807</td></tr> <tr><td>Voltage</td><td>2P 24V</td></tr> <tr><td>Current</td><td>10A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14- φ 16</td></tr> </tbody> </table>	Name	Socket	Type	Z - M	International Code	792807	Voltage	2P 24V	Current	10A	Cable Outside Diameter	φ 14- φ 16
Name	Socket														
Type	Z - M														
International Code	792807														
Voltage	2P 24V														
Current	10A														
Cable Outside Diameter	φ 14- φ 16														
			<table border="1"> <tbody> <tr><td>Name</td><td>Waterproof dual socket box with switch</td></tr> <tr><td>Type</td><td>CZXS</td></tr> <tr><td>International Code</td><td>792832</td></tr> <tr><td>Voltage</td><td>(2P+E)X2 250V</td></tr> <tr><td>Current</td><td>20A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14- φ 16</td></tr> </tbody> </table>	Name	Waterproof dual socket box with switch	Type	CZXS	International Code	792832	Voltage	(2P+E)X2 250V	Current	20A	Cable Outside Diameter	φ 14- φ 16
Name	Waterproof dual socket box with switch														
Type	CZXS														
International Code	792832														
Voltage	(2P+E)X2 250V														
Current	20A														
Cable Outside Diameter	φ 14- φ 16														
			<table border="1"> <tbody> <tr><td>Name</td><td>Waterproof socket with switch</td></tr> <tr><td>Type</td><td>KZ-S2MR</td></tr> <tr><td>International Code</td><td>792808</td></tr> <tr><td>Voltage</td><td>2P+E 250V</td></tr> <tr><td>Current</td><td>10A</td></tr> <tr><td>Cable Outside Diameter</td><td>φ 14- φ 16</td></tr> </tbody> </table>	Name	Waterproof socket with switch	Type	KZ-S2MR	International Code	792808	Voltage	2P+E 250V	Current	10A	Cable Outside Diameter	φ 14- φ 16
Name	Waterproof socket with switch														
Type	KZ-S2MR														
International Code	792808														
Voltage	2P+E 250V														
Current	10A														
Cable Outside Diameter	φ 14- φ 16														




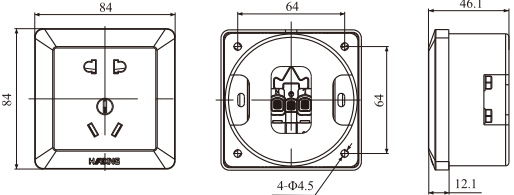

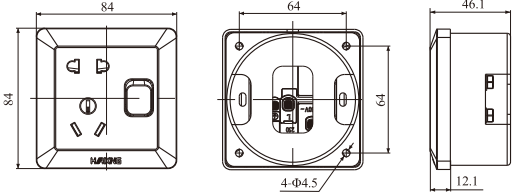

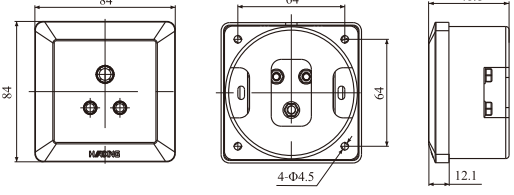

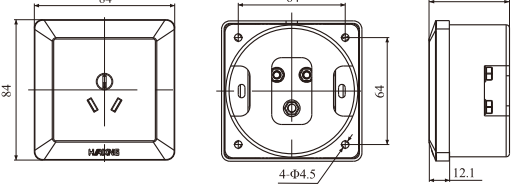

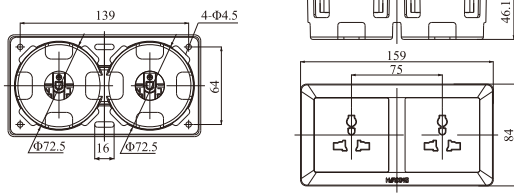

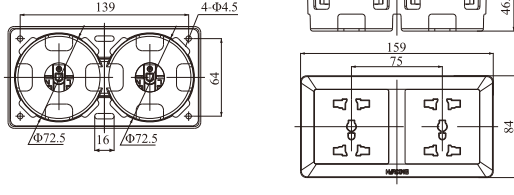

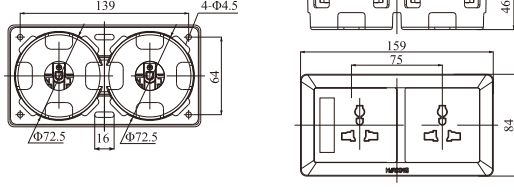
MARINE SOCKET WITH SWITCH, JUNCTION BOX

		<p>Name Type International Code Voltage Current</p>	<p>Waterproof switch K-2MR 793017 250V 10A</p>
		<p>Name Type International Code Voltage Current</p>	<p>Marine junction box J-1M 794831 250V 20A</p>
		<p>Name Type International Code Voltage Current</p>	<p>Marine junction box J-2M 794833 250V 20A</p>
		<p>Name Type International Code Voltage Current</p>	<p>Marine junction box 1N-PB 500V 20A</p>
		<p>Name Type International Code Voltage Current</p>	<p>Marine junction box 1N-PC 500V 20A</p>
		<p>name type International code Voltage Current</p>	<p>Marine junction box 2N-PB 500V 20A</p>

1. Material: Synthetic resin
2. Protection class: IP56
3. Conform to JISF8832,8833 standard
4. J-1M, J-2M the inner adopt independant terminal
5. 1N-PB, 1N-PC, 2N-PB the inner adopt join terminal
6. Cable outside diameter: $\phi 14 - \phi 16$

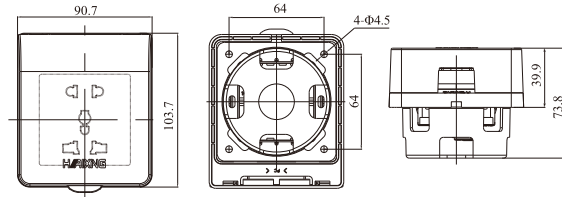


CABIN SOCKETS

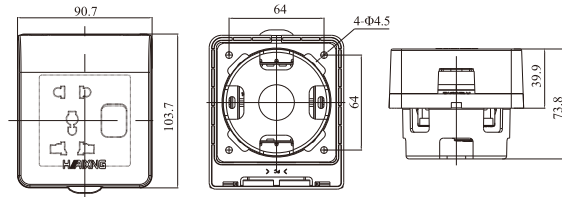
		<p>Name: Cabin socket Type: CZE2-2B-2N Voltage: 250V Current: 10A cassette: JXN - 6</p>
		<p>Name: Cabin with switch socket Type: CZKE-2YB-1 Voltage: 250V Current: 10A cassette: JXN - 6</p>
		<p>Name: Cabin socket Type: CZE2-2Y-1N Voltage: 250V Current: 10A cassette: JXN - 6</p>
		<p>Name: Air conditioning socket Type: CZE2-3B-1N Voltage: 250V Current: 16A cassette: JXN - 6</p>
		<p>Name: Double cabin socket (three holes) Type: CZE - 3B - 2N Voltage: 250V Current: 10A cassette: JXN - 7</p>
		<p>Name: Cabin double socket (Fave holes) Type: CZE - 3B - 4N Voltage: 250V Current: 10A cassette: JXN - 7</p>
		<p>Name: Double cabin socket with switch (three holes) Type: CZKE - 3B - 2 Voltage: 250V Current: 10A cassette: JXN - 7</p>



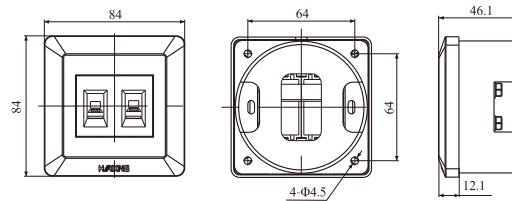
CABIN SOCKETS



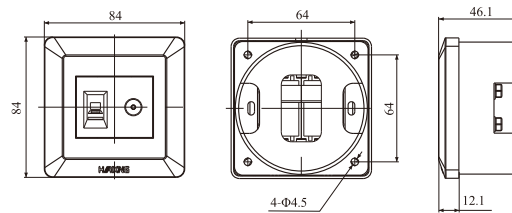
Name: Cabin waterproof socket
Type: CZF-2B-1
Voltage: 250V
Current: 10A
cassette: JXN-6



Name: Cabin waterproof socket with switch
Type: CZKF-2B-1
Voltage: 250V
Current: 10A
cassette: JXN-7

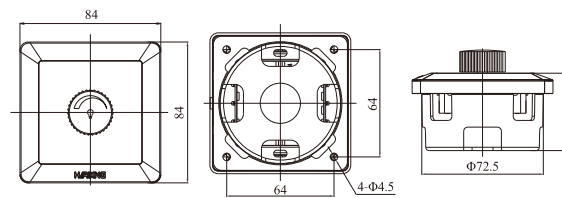


Name: Cabin socket
Type: CZE - 2D - 2N(PC+PC)
CZE - 2P - 2N(TEL+TEL)
CZE - DP - 2N(PC+TEL)
cassette: JXN - 6

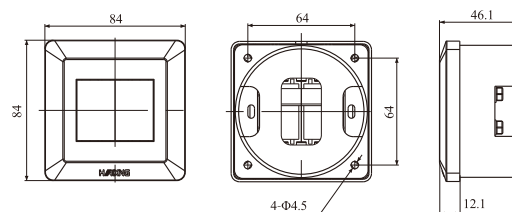


Name: Cabin socket
Type: CZE - TD - 2N(TV+TEL)
CZE - TP - 2N(TV+PC)
CZE - 2T - 2N(TV+TV)
cassette: JXN - 6

CABIN SWITCH



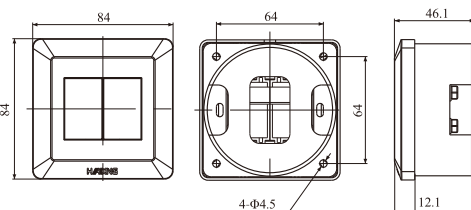
Name:
Type: HE-2N-0
Voltage: 250V
Current:
cassette: JXN-6



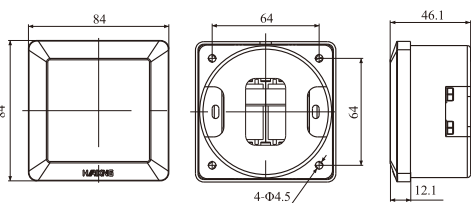
Name: Cabin switch
Type: HE-2N-1
Voltage: 250V
Current: 16A
cassette: JXN-6



CABIN SWITCH

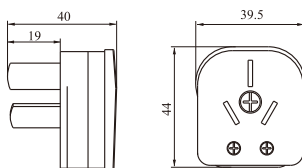
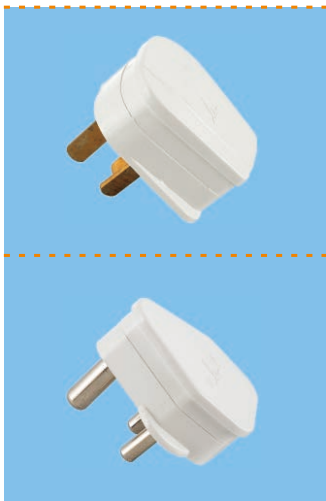


Name: Cabin switch
 Type: HE-2N-2
 Voltage: 250V
 Current: 16A
 cassette: JXN-6

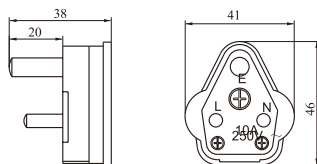


Name: Cabin switch
 Type: HE-2N-3
 Voltage: 250V
 Current: 16A
 cassette: JXN-6
 Standard: GB16915.1-2004 IEC665-1

CABIN PLUG

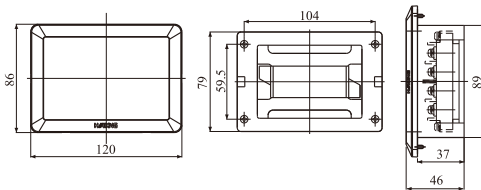
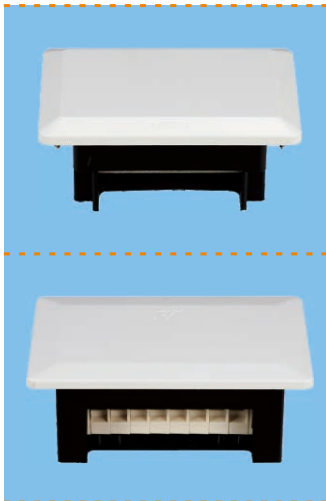


Name: Plug
 Type: CTE2-2B-1
 Voltage: 250V
 Current: 10A
 Protection Class: IP20
 Standard: GB2099, IEC884-1

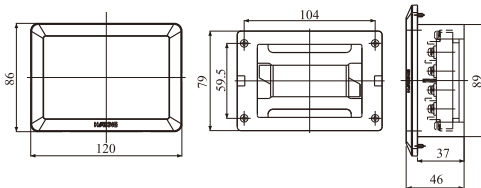


Name: Plug
 Type: CTE2-2Y-1
 Voltage: 250V
 Current: 10A
 Protection Class: IP20
 Standard: GB2099, IEC884-1

CABIN JUNCTION BOX



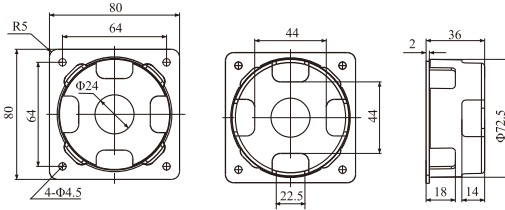
Name: cabin Junction Box
 Type: JXR-4 / JXR10-8
 Voltage: 110V/220V
 Current: 10A



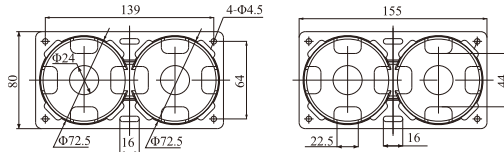
Name: cabin Junction Box
 Type: JXE-4 / JXE-8
 Voltage: 250V
 Current: 16A



CABIN CASSETTE

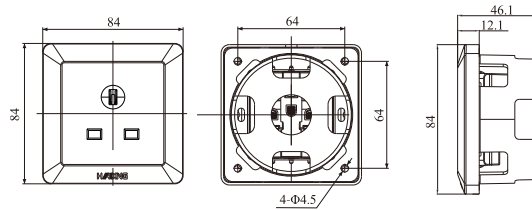
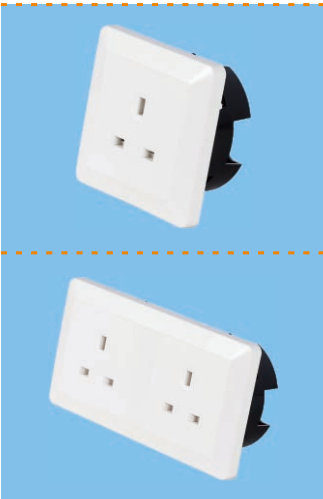


Name: cassette
Type: JXN-6

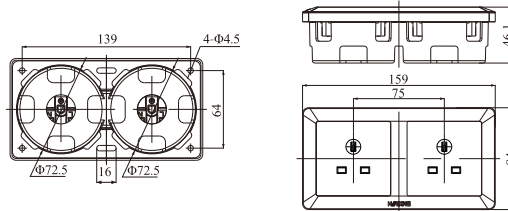


Name: cassette
Type: JXN-7

BRITISH STANDARD SOCKET

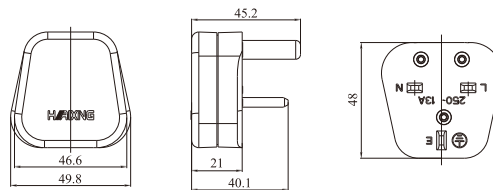


Name: British standard single-joint socket
Type: CZA-3B-1
Voltage: 250V
Current: 13A
cassette: JXN-7



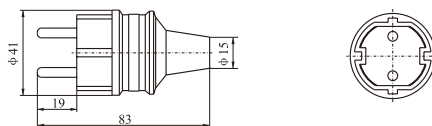
Name: British standard double socket
Type: CZA-3B-2
Voltage: 250V
Current: 13A
cassette: JXN-7

BRITISH STANDARD PLUG



Name: British standard plug
Type: CTA-1
Voltage: 250V
Current: 13A

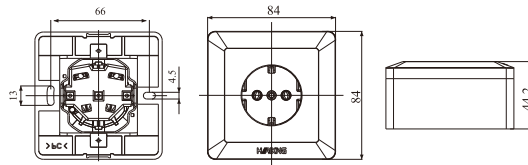
EUROPEAN STANDARD CABIN PLUG



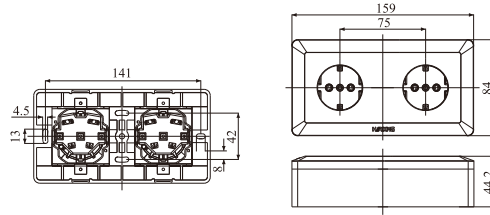
Name: plug
Type: CCT2 - 2
Voltage: 250V
Current: 10A
Protection class: IP20



EUROPEAN STANDARD CABIN SOCKETS

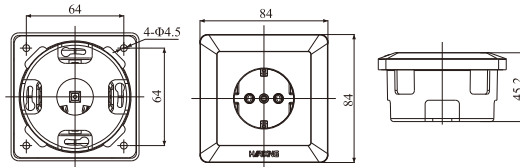


Name: Surface mounting single socket
 Type: CZ116PS
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: DIN

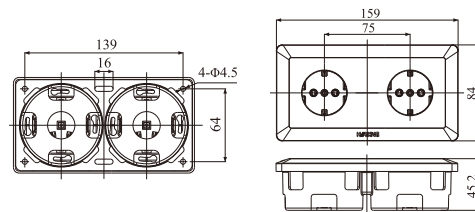


Name: Surface mounting double socket
 Type: CZ216PS
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: DIN

EUROPEAN STANDARD CABIN SOCKETS

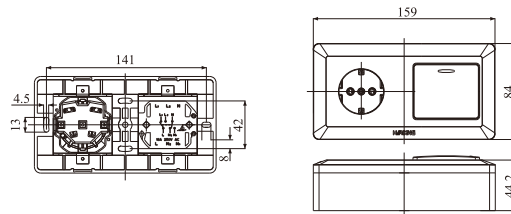


Name: Flush mounting single socket
 Type: CZ2116PF
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: DIN
 cassette: JXN - 6

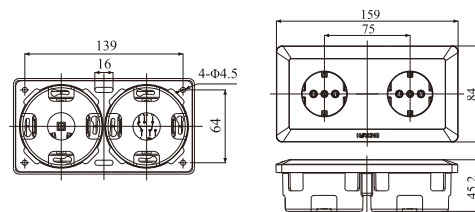


Name: Flush mounting double socket
 Type: CZ216PF
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: DIN
 cassette: JXN - 7

EUROPEAN STANDARD CABIN SWITCH SOCKET



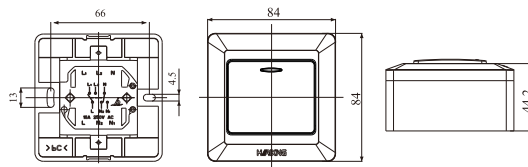
Name: Surface mounting switch socket
 Type: CZK116PS
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: DIN



Name: Flush mounting switch socket
 Type: CZK116PF
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: DIN
 cassette: JXN-7

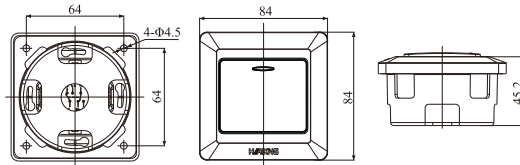


EUROPEAN STANDARD CABIN SWITCH



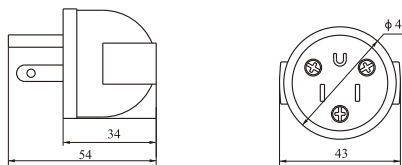
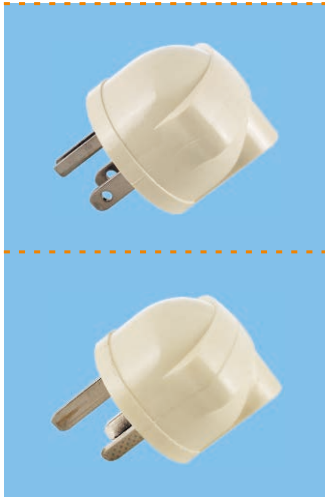
Name: Flush mounting single switch
 Type: KG116PS
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: GB2099, IEC884-1

EUROPEAN STANDARD CABIN SWITCH

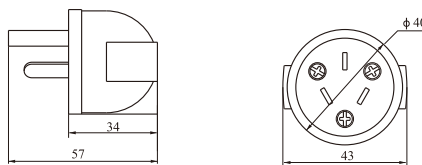


Name: Flush mounting single switch
 Type: KG116PF
 Voltage: 250V
 Current: 16A
 Protection class: IP20
 Standard: GB2099, IEC884-1
 cassette: JXN-6

JAPANESE STANDARD CABIN PLUGS




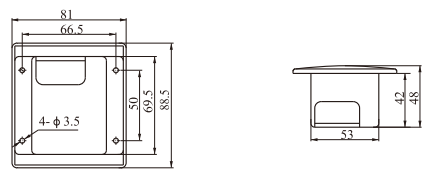

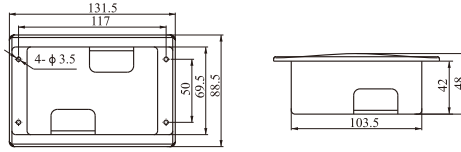

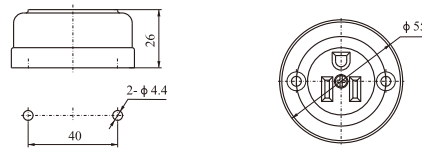

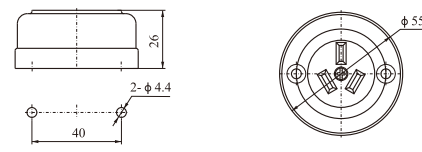
Type: UB
 International Code: 792902
 Voltage: 125V 250V
 Current: 15A(125V) 10A(250V)
 Standard: JISF8831




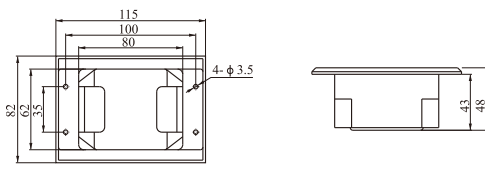

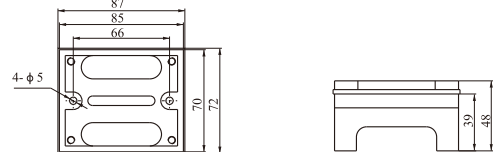
Type: UB-1B
 International Code: 792905
 Voltage: 125V 250V
 Current: 15A(125V) 10A(250V)
 Standard: JISF8831



JAPANESE STANDARD CABIN SOCKETS

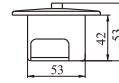
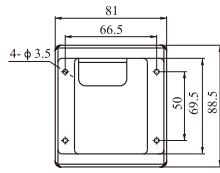
		<p>Type: URF-1 International Code: 792973 Voltage: 125V 250V Current: 15A(125V) 10A(250V) Standard: JISF8835</p>
		<p>Type: URF-2 International Code: 792974 Voltage: 125V 250V Current: 15A(125V) 10A(250V) Standard: JISF8835</p>
		<p>Type: U International Code: 792902 Voltage: 125V 250V Current: 15A(125V) 10A(250V) Standard: JISF8835</p>
		<p>Type: UB-1 International Code: 792905 Voltage: 125V 250V Current: 15A(125V) 10A(250V) Standard: JISF8835</p>

JAPANESE STANDARD CABIN JUNCTION BOX

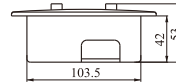
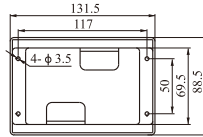
		<p>Name: Junction box Type: JXE-4T Voltage: 250V Current: 10A Standard: JISF8822</p>
		<p>Name: Junction box Type: JXE-5T Voltage: 250V Current: 10A Standard: JISF8503</p>



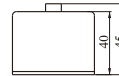
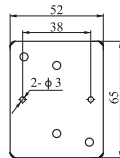
JAPANESE STANDARD CABIN SWITCHES



Name: Switch
 Type: NF-2P1
 International Code: 793092
 Voltage: 250V
 Current: 10A
 Standard: JISF8503

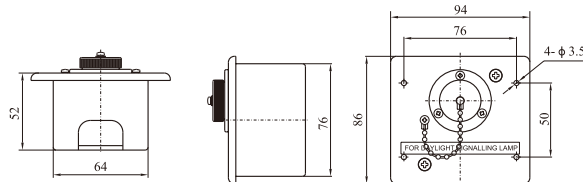


Name: Switch
 Type: NF-2P2
 International Code: 793093
 Voltage: 250V
 Current: 10A
 Standard: JISF8503

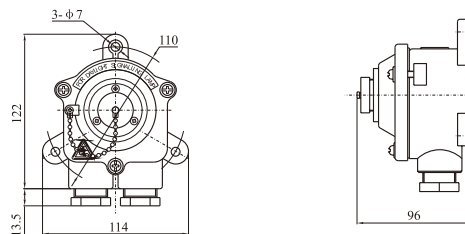


Name: Switch
 Type: NS-2P1
 International Code: 793091
 Voltage: 250V
 Current: 10A
 Standard: JISF8503

SURFACE MOUNTED SOCKET



Surface mounted socket
 Protection class: IP20
 weight: 0.26kg
 Capacity: 24V/5A



Surface mounted socket
 Protection class: IP56
 weight: 0.4kg
 Capacity: 24V/5A



SERIES OF MARINE SOUND SIGNALS

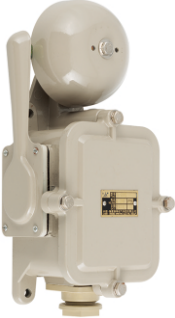
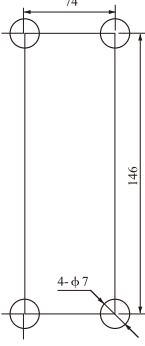

Sound annunciator is an important and simple tool for communication on ships. An alarm can send out special signal in time to indicate the occurrence of certain abnormal phenomenon, at the same time, it is also used as marine telephone, communication device, command alarm and other electrical appliances on ships.

Suitable environmental temperature: $-25^{\circ}\text{C}\sim+55^{\circ}\text{C}$.

It can reliably work when the power voltage ranges within $\pm 15\%$ for DC current, $+6\%\sim-10\%$ for AC current of its rated voltage, and its sound intensity will not lower than the value stipulated.


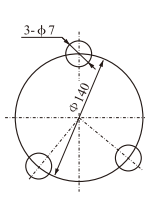



The protection class IP56.

Cable outside diameter $\phi 14-\phi 16$.

	Name	Type	Voltage	\leq Current	Sound intensity	Weight	dimension
	DC power-fail electric bell	YLK-24Z	24V	0.1A	86dB	1.7kg	 <p>74 146 4-$\phi 7$ 56*30*37</p>
		YLK-110Z	110V	0.05A	86dB	1.7kg	
		YLK-220Z	220V	0.03A	86 dB	1.7kg	
	AC short-connect electric bell	YLB-24J	24V		86dB	1.7kg	
		YLB-110J	110V		86dB	1.7kg	
		YLB-220J	220V		86dB	1.7kg	
	DC electric bell	YL-24Z	24V	0.15A	82dB	1.7kg	
		YL-110Z	110V	0.08A	82dB	1.7kg	
		YL-220Z	220V	0.04A	82dB	1.7kg	
	AC alarm bell	YZ-24J	24V	0.1A	92dB	2.0 kg	
		YZ-110J	110V	0.05A	92dB	2.0 kg	
		YZ-220J	220V	0.03A	92dB	2.0 kg	
	DC alarm bell	YZ-24Z	24V	0.15A	82dB	2.0 kg	
		YZ-110Z	110V	0.08A	82dB	2.0 kg	
		YZ-220Z	220V	0.04A	82dB	2.0kg	


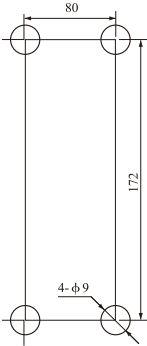

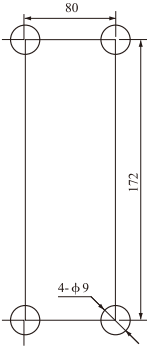

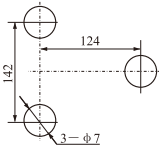

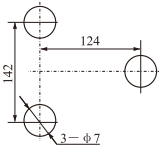


SERIES OF MARINE SOUND SIGNALS

	Name	Type	Voltage	≤ Current	Sound intensity	Weight	dimension
	DC electric bell	YL120-24Z	24V	0.3A	85 dB	2.0 kg	 56*30*37
		YL120-110Z	110V	0.1A	85 dB	2.0 kg	
		YL120-220Z	220V	0.05A	85 dB	2.0 kg	
	AC electric bell	YL120-24J	24V	0.2A	85 dB	2.0 kg	
		YL120-110J	110V	0.1A	85 dB	2.0 kg	
		YL120-220J	220V	0.05A	85 dB	2.0 kg	
	DC electric bell for signal light	Y LX120-24Z	24V	0.8A	85 dB	2.1 kg	
		Y LX120-110Z	110V	0.3A	85 dB	2.1 kg	
		Y LX120-220Z	220V	0.2A	85 dB	2.1 kg	
	AC electric bell for signal light	Y LX120-24J	24V	0.8A	85 dB	2.1 kg	
		Y LX120-110J	110V	0.4A	85 dB	2.1 kg	
		Y LX120-220J	220V	0.3A	85 dB	2.1 kg	
	DC electric bell	YL200-24Z	24V	0.3A	95 dB	2.75 kg	
		YL200-110Z	110V	0.1A	95 dB	2.75 kg	
		YL200-220Z	220V	0.05A	95 dB	2.75 kg	
	AC electric bell	YL200-24J	24V	0.2A	95 dB	2.75 kg	
		YL200-110J	110V	0.1A	95 dB	2.75 kg	
		YL200-220J	220V	0.05A	95 dB	2.75 kg	
	DC electric bell for signal light	Y LX200-24Z	24V	0.8A	95 dB	2.85 kg	63*30*37
		Y LX200-110Z	110V	0.3A	95 dB	2.85 kg	
		Y LX200-220Z	220V	0.2A	95 dB	2.85 kg	
	AC electric bell for signal light	Y LX200-24J	24V	0.8A	95 dB	2.85 kg	
		Y LX200-110J	110V	0.4A	95 dB	2.85 kg	
		Y LX200-220J	220V	0.3A	95 dB	2.85 kg	

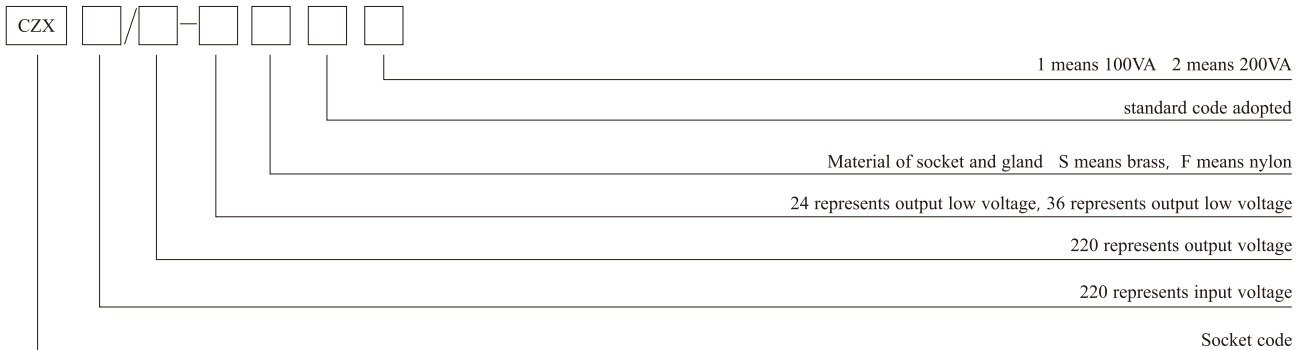


SERIES OF MARINE SOUND SIGNALS


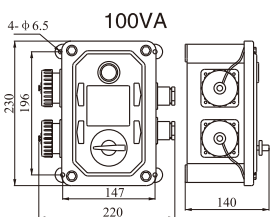

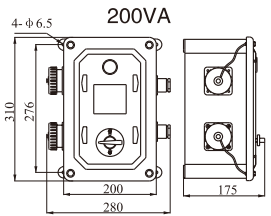
	Name	Type	Voltage	≤Current	Sound intensity	Weight	dimension
	DC electric bell for signal light	YLX-24Z	24V	0.6A	85 dB	3.4 kg	
		YLX-110Z	110V	0.2A	85 dB	3.4 kg	
		YLX-220Z	220V	0.1A	85 dB	3.4 kg	
	AC electric bell for signal light	YLX-24J	24V	0.5A	85 dB	3.3 kg	
		YLX-110J	110V	0.15A	85 dB	3.3 kg	
		YLX-220J	220V	0.1A	85 dB	3.3 kg	
	DC electric bell for signal light	YLM-24Z	24V	0.2A	85 dB	3.8 kg	
		YLM-110Z	110V	0.1A	85 dB	3.8 kg	
		YLM-220Z	220V	0.06A	85 dB	3.8 kg	
	AC electric bell-sounder	YLM-24J	24V	0.3A	85 dB	3.7 kg	
		YLM-110J	110V	0.1A	85 dB	3.7 kg	
		YLM-220J	220V	0.05A	85 dB	3.7 kg	
	DC alarm bell-sounder	YZM-24Z	24V	0.2A	95 dB	4.3 kg	
		YZM-110Z	110V	0.1A	95 dB	4.3 kg	
		YZM-220Z	220V	0.06A	95 dB	4.3 kg	
	AC alarm bell-sounder	YZM-24J	24V	0.3A	95 dB	4.1 kg	
		YZM-110J	110V	0.1A	95 dB	4.1 kg	
		YZM-220J	220V	0.05A	95 dB	4.1 kg	
	DC sounder	YM-24Z	24V	0.1A	95 dB	1.8 kg	
		YM-110Z	110V	0.05A	95 dB	1.8 kg	
		YM-220Z	220V	0.03A	95 dB	1.8 kg	
	AC sounder	YM-24J	24V	0.15A	95 dB	1.8 kg	
		YM-110J	110V	0.08A	95 dB	1.8 kg	
		YM-220J	220V	0.04A	95 dB	1.8 kg	



MARINE HIGH-LOW-VOLTAGE SOCKET BOX



protection class: IP44
 Cable outside diameter: $\phi 14 - \phi 16$.

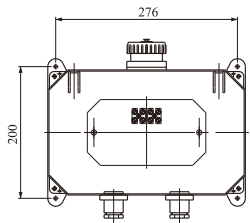
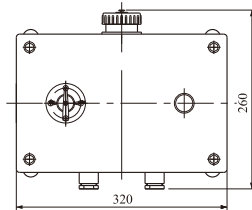
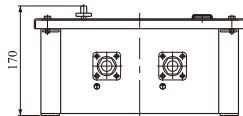
Name	Type	Voltage	≤Current	Weight	Shell	dimension
 <p>Marine low-volt socket box</p>	CZX220/24SD1	24V	4A	6.0 kg	Brass	 <p>100VA 4-$\phi 6.5$ 230, 196, 147, 220, 140</p>
	CZX220/24SD2	24V	8A	9.5 kg	Nylon	
	CZX220/24FC1	24V	4A	5.8 kg		
	CZX220/24FC2	24V	8A	8.8 kg		
	CZX220/36SD1	36V	3A	6.0 kg	Brass	
	CZX220/36SD2	36V	8A	9.5 kg	Nylon	
	CZX220/36FC1	36V	3A	5.8 kg		
	CZX220/36FC2	36V	8A	8.8 kg		
 <p>Marine high-low voltage socket box</p>	CZX220/220-24SD1	220V/24V	10A/4A	6.5 kg	Brass	 <p>200VA 4-$\phi 6.5$ 310, 276, 200, 280, 175</p>
	CZX220/220-24SD2	220V/24V	10A/8A	10 kg	Nylon	
	CZX220/220-24FC1	220V/24V	10A/4A	6.5 kg		
	CZX220/220-24FC2	220V/24V	10A/8A	10 kg		
	CZX220/220-36SD1	220V/36V	10A/3A	6.5 kg	Brass	
	CZX220/220-36SD2	220V/36V	10A/6A	10 kg	Nylon	
	CZX220/220-36FC1	220V/36V	10A/3A	6.5 kg		
	CZX220/220-36FC2	220V/36V	10A/6A	10 kg		



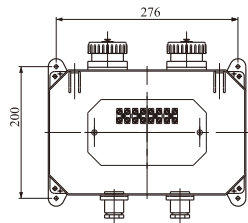
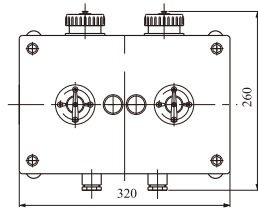
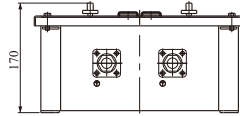
CZKX

SOCKET BOX OF CARGO LIGHT

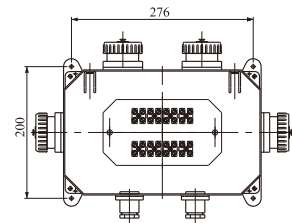
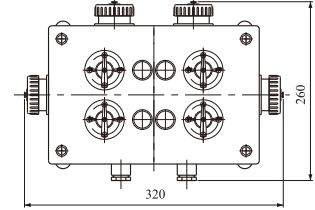
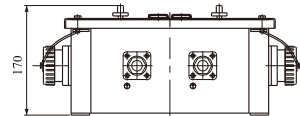
CZKX-1



CZKX-2



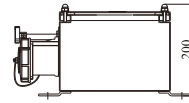
CZKX-3



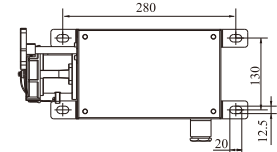
Type	CZKX-1	CZKX-2	CZKX-3
Voltage	250V		
Protection class	IP56		
Gland Specifications	Two CZX220/220-24SD2-03 brass stuffing		
Material thicknes	1.8mm		
Material body	SUS304		



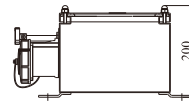
REFRIGERATED CONTAINER SOCKET BOX



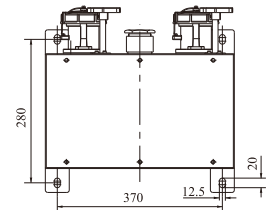
Gang reefer socket box



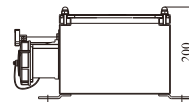
Type	CR-14432U	CR-14432MU	CR-14432P	CR-14432MP
Remarks	Standard	With Monitoring	Standard	With Monitoring
Box-body Material	SUS304		SUS304	
Socket Material	Copper		PBT	
Voltage	380V/440V			
Vurrent	32A 3P+E			
Cable outside diameter	φ 20			
Weight	15kg			
Protection class	IP67			



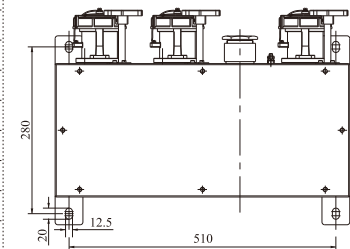
Gang reefer socket box



Type	CR-24432U	CR-24432MU	CR-24432P	CR-24432MP
Remarks	Standard	With Monitoring	Standard	With Monitoring
Box-body Material	SUS304		SUS304	
Socket Material	Copper		PBT	
Voltage	380V/440V			
Vurrent	32A 3P+E			
Cable outside diameter	φ 20			
Weight	22kg			
Protection class	IP67			



Gang reefer socket box



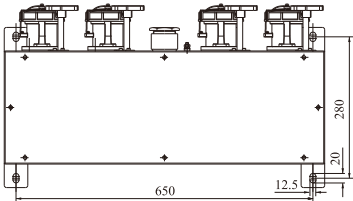
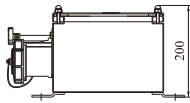
Type	CR-34432U	CR-34432MU	CR-34432P	CR-34432MP
Remarks	Standard	With Monitoring	Standard	With Monitoring
Box-body Material	SUS304		SUS304	
Socket Material	Copper		PBT	
Voltage	380V/440V			
Vurrent	32A 3P+E			
Cable outside diameter	φ 30			
Weight	30kg			
Protection class	IP67			



CR

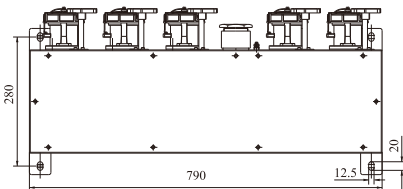
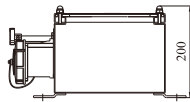
REFRIGERATED CONTAINER SOCKET BOX

Gang reefer socket box



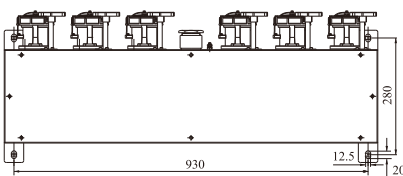
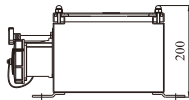
Type	CR-44432U	CR-44432MU	CR-44432P	CR-44432MP
Remarks	Standard	With Monitoring	Standard	With Monitoring
Box-body Material	SUS304		SUS304	
Socket Material	Copper		PBT	
Voltage	380V/440V			
Vurrent	32A 3P+E			
Cable outside diameter	φ 34			
Weight	38kg			
Protection class	IP67			

Gang reefer socket box



Type	CR-54432U	CR-54432MU	CR-54432P	CR-54432MP
Remarks	Standard	With Monitoring	Standard	With Monitoring
Box-body Material	SUS304		SUS304	
Socket Material	Copper		PBT	
Voltage	380V/440V			
Vurrent	32A 3P+E			
Cable outside diameter	φ 44			
Weight	46kg			
Protection class	IP67			

Gang reefer socket box



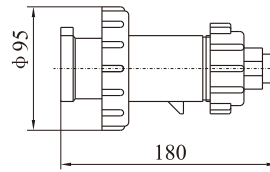
Type	CR-64432U	CR-64432MU	CR-64432P	CR-64432MP
Remarks	Standard	With Monitoring	Standard	With Monitoring
Box-body Material	SUS304		SUS304	
Socket Material	Copper		PBT	
Voltage	380V/440V			
Vurrent	32A 3P+E			
Cable outside diameter	φ 44			
Weight	54kg			
Protection class	IP67			



REFRIGERATED POWER SUPPLY PLUG, SOCKET, CONNECTOR, SOCKET BOX

Rated voltage: AC 380V/440V
Phase limit: 3P+E
Cable outside diameter: $\phi 20$

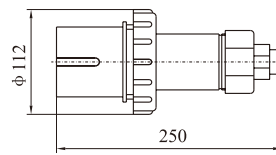
Type	CRT-14432P
Rated Current	32A
Protection class	IP56
Material	flame proof nylon
Ferrule Material	brass
Weight	0.45kg
Standard	IEC60309 ISO 1496/II CEE-17



power supply plug



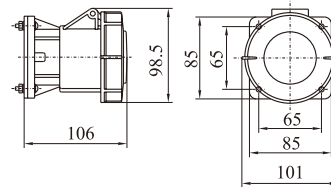
Type	CRT-14463P
Rated Current	63A
Protection class	IP67
Material	PA+ABS
Ferrule Material	brass
Weight	0.7.0kg
Standard	DIN VDE 0623 EN 60309



power supply plug



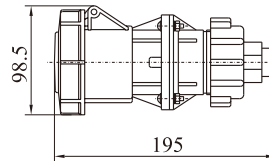
Type	CRZ-14432P
Rated Current	32A
Protection class	IP56
Material	flame proof nylon
Ferrule Material	brass
Weight	0.35kg
Standard	IEC60309 ISO 1496/II CEE-17



power supply socket



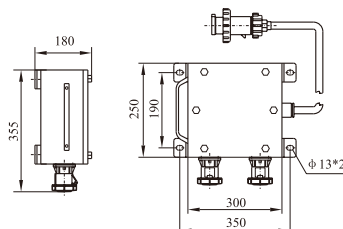
Type	CRL-14432P
Rated Current	32A
Protection class	IP56
Material	flame proof nylon
Ferrule Material	brass
Weight	0.55kg
Standard	IEC60309 ISO 1496/II CEE-17



connector



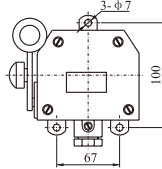
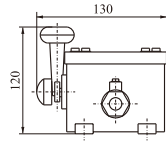
Type	CRJ-24432P
Rated Current	32A
Protection class	IP56
Material	stainless steel
Ferrule Material	brass
Weight	7.5kg
Standard	IEC60309 ISO 1496/II CEE-17



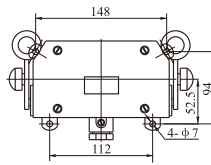
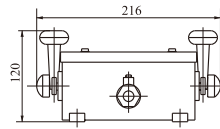
Time Relay Socket Box



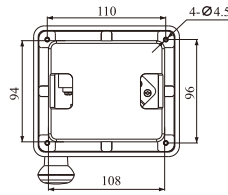
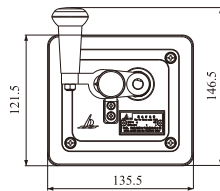
MORSE KEY



Type: AJ1
Name: morse key
Voltage: 220V
Current: 10A
Protection class: IP56
Weight: 0.5kg

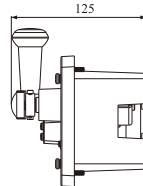
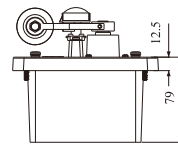


Type: AJ2
Name: morse key
Voltage: 220V
Current: 10A
Protection class: IP56
Weight: 0.8kg

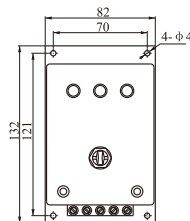
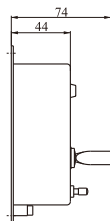


Type: AJ3
Name: Flush mounted morse key
Voltage: 220V
Current: 10A
Protection class: IP22
Weight:
Standard: GB/T521 - 1999

《 Key for Morse code li 》



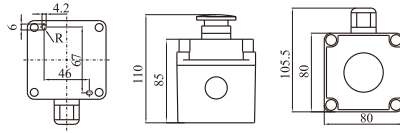
MARINE ELECTRONIC FLASHER



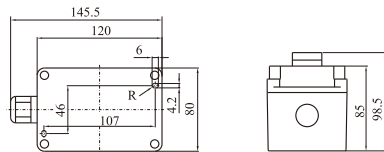
Used for commanding navigation signal and indicating direction, it is suitable for all kinds of motor vessels in inland river. There are two kinds 12V and 24V.



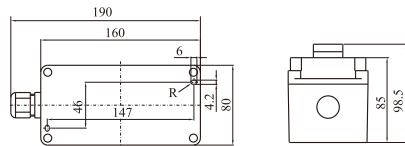
BUTTON SWITCH



Type: ZPB-1
 Name: button switch
 Voltage: 220V
 Current: 10A
 Protection class: IP65
 Weight: 0.4kg

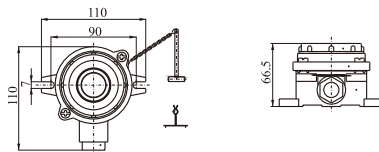


Type: ZPB-2
 Name: button switch
 Voltage: 220V
 Current: 10A
 Protection class: IP65
 Weight: 0.6kg

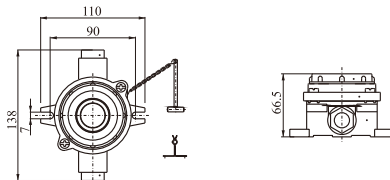


Type: ZPB-3
 Name: button switch
 Voltage: 220V
 Current: 10A
 Protection class: IP65
 Weight: 0.8kg

FIRE BUTTON



Type: DK 7-2
 Name: fire warning button
 Voltage: 250V
 Current: 10A
 Protection class: IP56
 Weight: 0.5kg



Type: DK 7-2
 Name: fire warning button
 Voltage: 250V
 Current: 10A
 Protection class: IP56
 Weight: 0.5kg



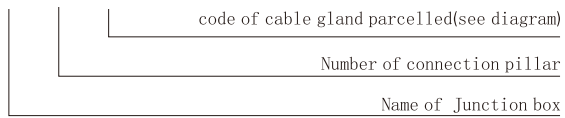
MARINE JUNCTION BOX

Technical characteristic:

1. Used to protect the circuit connection of AC & DC electrical circuit in ships and industry system.
2. Conform to CB//T3091-1994 standard.
3. Working voltage $\leq 600V$, working current of junction box $\leq 15A$, working current of junction-box with fuse $\leq 20A$
4. Protection class is IP55.
5. Please remark gland size, quantity and arrangement if have special requirement while ordering.

Marine Junction box

JXT



Junction box with fuse

JXTR

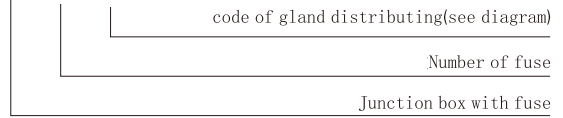
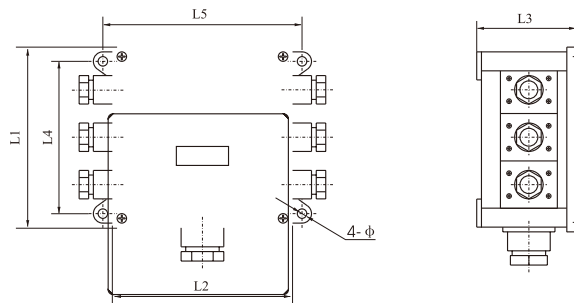
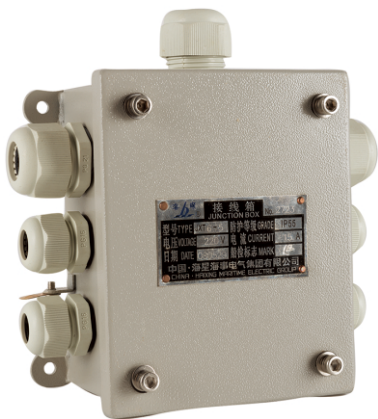
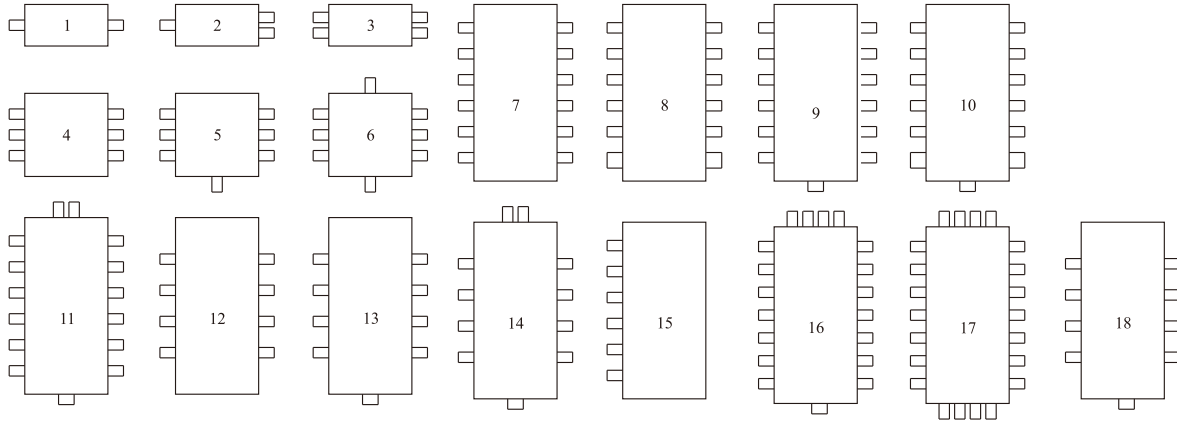


Diagram of gland distributing code



SPECIFICATION TABLE OF JUNCTION BOX TYPE

NO	Type	Num. of Connection pillar		Num. of gland			Shell Dimensions	Dimensions	Protection class	
		15A	M36	PG21	PG16	L1xL2xL3	L4xL5 φ			
1	JXT4-1	4			2	130x130x80	100x140/ φ 6.5	IP55		
2	JXT4-2	4			3					
3	JXT4-3	4			4					
4	JXT6-1	6			2	160x130x80	130x140/ φ 6.5			
5	JXT6-2	6			3					
6	JXT6-3	6			4					
7	JXT6-4	6			6					
8	JXT6-5	6		3	4					
9	JXT6-6	6		1	7					
10	JXT8-4	8			6	230x180x105	20x190/ φ 9			
11	JXT8-5	8		3	4					
12	JXT8-6	8		1	7					
13	JXT12-2	12			3	250x180x105	220x190/ φ 9			
14	JXT12-4	12			6					
15	JXT12-5	12		3	4					
16	JXT12-6	12		1	7					
17	JXT12-10	12	1	2	10				330x180x105	300x190/ φ 9
18	JXT12-12	12			8				250x180x105	220x190/ φ 9
19	JXT12-13	12	1		8					
20	JXT12-14	12	1	2	8					
21	JXT18-7	18			12	330x180x105	300x190/ φ 9			
22	JXT18-8	18		2	10					
23	JXT18-9	18	1		12					
24	JXT18-12	18			8	250x180x105	220x190/ φ 9			
25	JXT18-13	18	1		8					
26	JXT18-14	18	1	2	8					
27	JXT24-7	24			12	330x180x105	300x190/ φ 9			
28	JXT24-8	24		2	10					
29	JXT24-9	24	1		12					
30	JXT24-10	24	1	2	10					
31	JXT30-7	30			12				350x180x105	320x190/ φ 9
32	JXT30-8	30		2	10					
33	JXT30-9	30	1		12					
34	JXT30-10	30	1	2	10					
35	JXT30-11	30	1		14					
36	JXT30-15	30			6	330x180x105	300x190/ φ 9			
37	JXT36-7	36			12					
38	JXT36-8	36	1	2	10					
39	JXT36-9	36	1		12					
40	JXT36-10	36	1	2	10	350x180x105	320x190/ φ 9			
41	JXT36-11	36			14					
42	JXT36-15	36			6					
43	JXT48-16	48	1		18	370x280x105	340x290/ φ 9			
44	JXT48-17	48			22					
45	JXT48-18	48	1	8						



SPECIFICATION TABLE OF JUNCTION BOX TYPE

NO:	Type	Num.of Connection pillar	Num.of gland			Shell Dimensions	Dimensions	Protection class
		15A	M36	Pg21	Pg16	L1xL2xL3	L4xL5 φ	
1	JXTR4-1	4			2	130x130x80	100x140/ φ 6.5	IP55
2	JXTR4-2	4			3			
3	JXTR4-3	4			4			
4	JXTR6-1	6			2	160x130x80	130x140/ φ 6.5	
5	JXTR6-2	6			3			
6	JXTR6-3	6			4			
7	JXTR6-4	6			6			
8	JXTR6-5	6		3	4			
9	JXTR6-6	6		1	7			
10	JXTR8-4	8			6	230x180x105	200x190/ φ 9	
11	JXTR8-5	8		3	4			
12	JXTR8-6	8		1	7			
13	JXTR12-4	12			6	250x180x105	220x190/ φ 9	
14	JXTR12-5	12		3	4			
15	JXTR12-6	12		1	7			
16	JXTR12-7	12			12			
17	JXTR12-8	12		2	10	330x180x105	300x190/ φ 9	
18	JXTR12-12	12			8			
19	JXTR12-13	12	1		8			
20	JXTR12-14	12	1	2	8	250x180x105	220x190/ φ 9	
21	JXTR15-7	15			12			
22	JXTR15-8	15		2	10			
23	JXTR15-9	15	1		12			
24	JXTR15-10	15	1	2	10			
25	JXTR15-11	15	1		14			
26	JXTR18-7	18			12	330x180x105	300x190/ φ 9	
27	JXTR18-8	18		2	10			
28	JXTR18-9	18	1		12			
29	JXTR18-10	18	1	2	10			
30	JXTR18-11	18	1		14			

