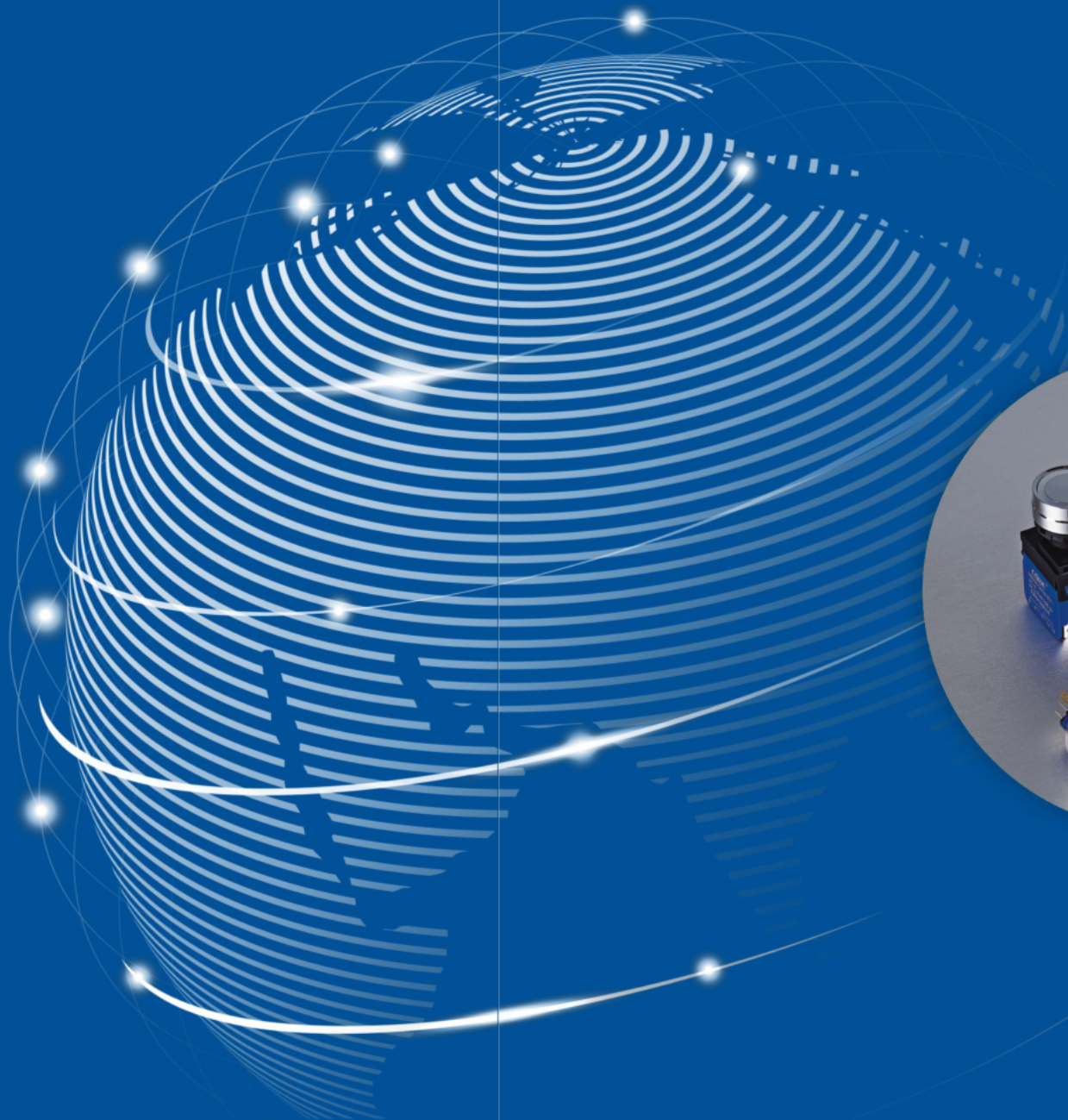


YUEQING DAHE ELECTRIC CO., LTD.

Address: No.180,Huxi No.2 Road, Liu Shi Town,Yueqing City,
Zhejiang Province,China

Landline number(English): +86-0577-61780678

English website: www.chinacdoe.com www.cdoepushbutton.com

E-mail:cdoe@cncdoe.com

Corporate Mission
Provide high-quality products and services,
to create China's high-quality switch brands

Corporate Vision
Lead the industry to progress and create
a better future together

Corporate Value
Integrity and honesty, responsibility,
meticulousness and rigour,
innovation and sharing

Intelligent selection of Dahe by quality button

Established in 2003, Yueqing Dahe Electric Co., Ltd. (The abbreviation is CDOE) is a national high-tech enterprise specializing in the manufacture of high-quality push button switches, waterproof buttons, indicators, and buzzers. With more than 80 product original technology patents, passed the ISO9001 (quality), ISO14001 (environment), ISO45001 (health) three system certification, with CCC, CQC, CE, UL, RoHS, REACH, TUV, SGS and many other certification, becoming one of the choices of domestic high-end users.

After years of promotion and application, CDOE has widely served many industries such as new energy, robotics, rail transit, automation equipment, medical equipment, electric power, etc. Partners of well-known Fortune 500 companies such as medical care and Foxconn.

CDOE has always maintained the concept of "providing high-quality products and services, building a Chinese high-quality switch brand", and continues to provide you with high-quality products and perfect services.



(Factory)



(CNC workshop)



(Injection moulding workshop)



(Assembly workshop)



(Laboratory)



(Product Showroom)

2002

In Wenzhou, Zhejiang

2003

Officially registered in January
Registered Trademark CDOE for June and publicize it externally and participated in the China Electronics Fair in Wuhan
Achieved considerable results

2004

Acquired in May CCC certificate and a number of technical patents certification
CDOE series products have been rapidly recognized by the majority of users in China

2006

The company has obtained CE, RoHs and other certificates
Realization of R&D, production and sales full chain management

2008

Realization of refined production
Equipped with excellent production line

2010

At the same time to obtain the National Patent Office examination and approval of the 7 technology patent certification and certificate

2012

Introduction of application systems and fully automated equipment
Realization of automated production And technological breakthroughs and innovations
Participated in Electronica in Munich, Germany in the same year
Also established sales office in Italy

2013

Passed ISO9001:2008 quality management system certificate
And obtained IP67,IP68 waterproof rating certification
Participation in the Electronics Fair in Seoul, Korea
Established Korea office

2016

Passed the SGS test
And obtain the TUV certification, Reach certification and the United States UL urgent Canadian cUL certification
Participated in the Munich Electronics Fair in Germany and reached a consensus on cooperation with a number of internationally renowned enterprises
Sales offices in the Czech Republic, Spain, South Africa and other countries

2015

Successful CCC certification changeover
Re-acquired a number of CCC mandatory product certification certificates
Participated in the Hi-Tech Fair in Shenzhen and set up a Shenzhen office

2018

After a long period of research and development breakthroughs by the company's technical department
Up to 13 patents granted in one go
And get the certificate of Zhejiang Province Science and Technology Enterprise
In the same year, we participated in international exhibitions in Japan, India, the United States and other countries
Capturing international market share
Enhancement of the enterprise's influence in the international market

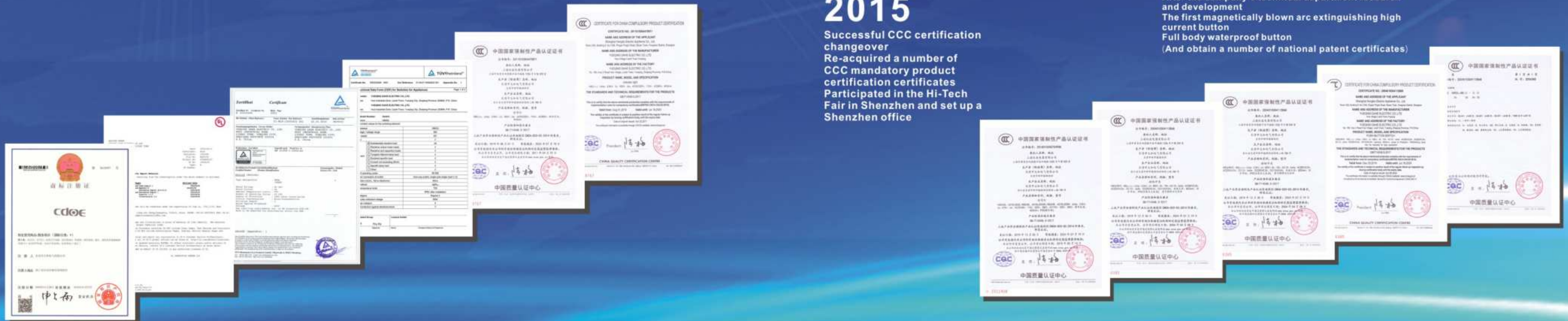
2021

Obtained the title of "National High-tech Enterprise", and obtained a number of patents through the UKCA certification.

2023

Obtained a number of patents, including 3 patents for inventions, upgrading more professional and efficient ERP, laying a solid foundation for the "Industry 4.0" programme.

Create high quality Push Button switches
We've been working hard.



CONTENTS



IP intercom



Charging pos



Ship control



Rapid transit



Aviation equipment



Robot control



Automobile manufacturing



Medical equipment



Automation equipment

P03	Emergency Stop Button series
P04	Emergency Stop Button With Protective Cover Display
P05	Cabinet Stove Button
P05	Elevator Button
P06	HBDGQ Series High-intensity Resistance and Anti-vandal Waterproof Signal lamp
P07	HBDGQ Series High-intensity Resistance and Anti-vandal Waterproof Signa Lamp(with wires)
P08	HBDGQ Metal Buzzer/Flashing Buzzer Series
P09	HBDS1-D High Current Metal Push Button Switch
P10	D22 10A Series Metal Button High Current Metal Push button Series
P11	HBDGQ Metal Micro Switch(Ultra-thin)
P12	HBDGQ Metal Electronic Switch
P13	HBPS Series Metal Piezoelectric Switch
P14	HBDGQ Series High-intensity Resistance and Anti-vandal Waterproof Push Button Switch
P16	HBDS1-AGQ Series High-intensity Resistance and Anti-vandal Waterproof Push Button Switch
P19	HBDS1GQ Series High-intensity Resistance and Anti-vandal Waterproof Push Button Switch
P20	HBDS1-BGQ Series High-intensity Resistance and Anti-vandal Waterproof Push Button Switch
P21	HBDGQ Series High-intensity Resistance and Anti-vandal Waterproof Push Button Switch
P22	HBD-K20A、HBD-K20B Waterproof Push Button
P25	HBDY5(XB2/LAY5)Series Push Button Switch
P29	HBDS0(LA38) Series Push Button Switch
P32	HBDS1-A Series Push Button Switch
P33	HBDS1-B Series Push Button Switch
P34	HBDS1-AW Type Push Button Switch
P35	HBDS1-AW Type Push Button Switch
P36	HBDY5(XB2、LAY5) Series Push Button Switch
P37	HBDWN20 Rotary Switches
P37	HBDWN16 Rotary Switches
P37	Cross Switch
P37	HBD16 Series Indicator
P38	Control Button Box Series
P41	Push Button Accessory Series

CDOE button is always sticking to the "wholehearted" service philosophy and the principle of "focus on custom-ers" . It has systematically established the service system for the whole process of pre-sale, in-sale and after-sale. Based on the existing sales service network, it makes efforts to perfect customer relationship management by information-based means, and continuously provide tracing services for customers. Also, it collects timely market information to seize customers' requirement accurately and to provide them with omnidirectional individualized services.

Based on our sincere service faith, we established and are trying to realize the idea of "Customer-oriented" .Customers' satisfaction is our most precious resource. CDOE button has a complete sales system all over the country; thus, distributors anywhere will provide you with high-quality products and perfect services at any time.

Emergency Stop Switch Series

Ø16mm、Ø19mm、Ø22mm、Ø25mm、Ø30mm

Emergency Stop Switch Ø16mm



Emergency Stop Button Ø19mm



Emergency Stop Button Ø22mm、Ø25mm、Ø30mm



Emergency stop button with protective cover display

Refer to page N for details of the protective cover



Cabinet stove button

NEW

Ø22mm



HBDGQ-D22C-20ET
Flat Round Ring Illuminated PowerSymbol Ø22mm

HBDY5-KB-□D
High head push button with LED Ø22mm

HBDS0-KB-□D
Flat head push button with LED Ø22mm

Elevator button

NEW

Ø22mm



HBDY5-KA-□H/U/V
Flat head push button Ø22mm

HBDY5-KA-□W/U/V
Flat head push button Ø22mm

HBDY5-KA-□B/U/V
Flat head push button Ø22mm

HBDS0-KA-□H/U/V
Flat head push button Ø22mm

HBDS0-KA-□W/U/V
Flat head push button Ø22mm

HBDS0-KA-□B/U/V
Flat head push button Ø22mm

Series Number	Mounting Hole Size	The Front Shape	Lamp Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDGQ	6:Ø6mm 8:Ø8mm 10:Ø10mm 12:Ø12mm 14:Ø14mm 16:Ø16mm 19:Ø19mm 22:Ø22mm 25:Ø25mm 30:Ø30mm	T: Flat G: Domed F: Flat Round DT: Big flat DG: Big domed	D: Dot LED E: Ring LED P: Plastic Cover SP: Painted Plastic Cover	J: Pin Terminal L: Screw Terminal Y: With Wires	N: Nickel-plated brass S: Stainless steel T: Aluminum alloy Anti-rotation customization: No letters: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue Black	3V 6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White Up to three colors of light (Tri-color) can be customized. + Common anode - Common cathode

HBDGQ Series Anti-vandal Waterproof Signal lamp

Customization: Aluminum alloy with color plating
Can be made into a bi-color light
Waterproof degree IP65



HBDGQ6G-D/J/□/▲/△
Signal Lamp Ø6mm

HBDGQ6T-D/J/□/▲/△
Signal Lamp Ø6mm

HBDGQ8G-D/J/□/▲/△
Signal Lamp Ø8mm

HBDGQ8T-D/J/□/▲/△
Signal Lamp Ø8mm

HBDGQ8F-D/J/□/▲/△
Signal Lamp Ø8mm

HBDGQ10G-D/J/□/▲/△
Signal Lamp Ø10mm

HBDGQ10T-D/J/□/▲/△
Signal Lamp Ø10mm

HBDGQ12G-D/J/□/▲/△
Signal Lamp Ø12mm

HBDGQ12T-D/J/□/▲/△
Signal Lamp Ø12mm

HBDGQ12F-D/J/□/▲/△
Signal Lamp Ø12mm

HBDGQ12F-E/J/□/▲/△
Signal Lamp Ø12mm

HBDGQ14G-D/J/□/▲/△
Signal Lamp 信号灯 Ø14mm

HBDGQ14T-D/J/□/▲/△
Signal Lamp Ø14mm

HBDGQ16DG-D/J/□/▲/△
Signal Lamp Ø16mm

HBDGQ16DT-D/J/□/▲/△
Signal Lamp Ø16mm

HBDGQ16DG-D/U/□/▲/△
Signal Lamp Ø16mm

HBDGQ16DT-D/U/□/▲/△
Signal Lamp Ø16mm

HBDGQ16F-D/J/□/▲/△
Signal Lamp Ø16mm

HBDGQ16F-E/J/□/▲/△
Signal Lamp Ø16mm

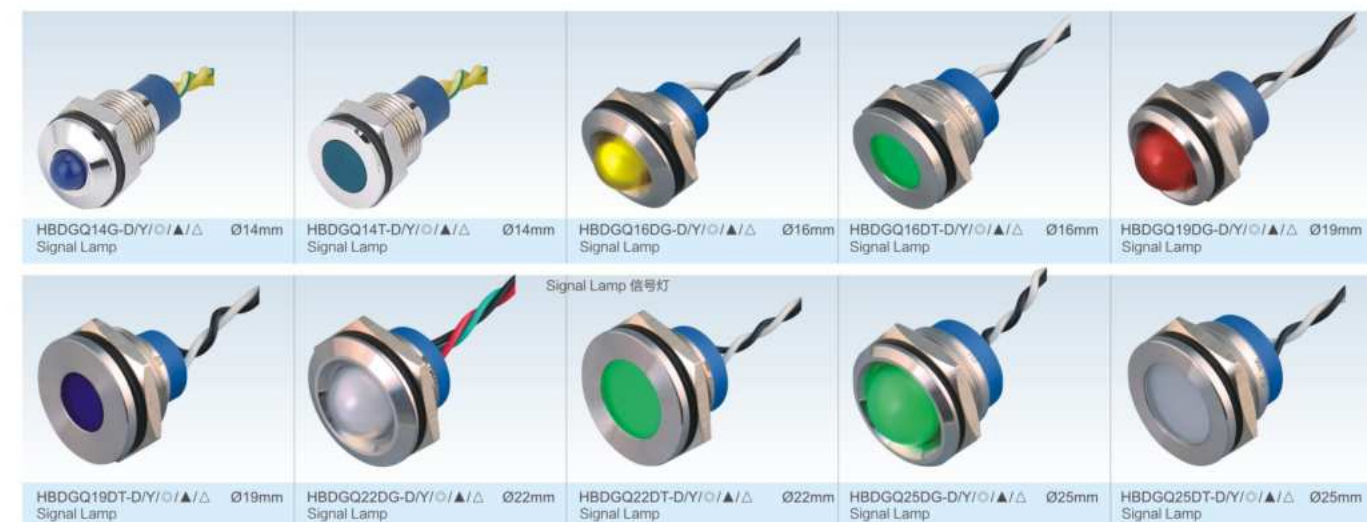
HBDS1-AGQ16F-D/J/□/▲/△
Signal Lamp Ø16mm

HBDS1-AGQ16F-E/J/□/▲/△
Signal Lamp Ø16mm

HBDS1-AGQ16F-P/J/□/▲/△
Signal Lamp Ø16mm



HBDGQ Series
High-intensity Resistance and Anti-vandal Waterproof Signal Lamp (with wires)
Customization:
Aluminum alloy with color plating
Can be made into a bi-color light
Waterproof degree IP67



Series Number	Mounting Hole Size	The Front Shape	Lamp Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDGQ	19:Ø19mm 22:Ø22mm	F: Flat Round G: Domed	M: Buzzer EM: Flash Buzzer EJM: Flash intermittent Buzzer	J: Pin Terminal L: Screw Terminal	N: Nickel-plated brass S: Stainless steel Anti-rotation customization: No letters: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue Black	3V 6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White

HBDGQ Series Metal Buzzer/Flashing buzzer Series

Ø19mm, Ø22mm



HBDS1-D									
Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage
HBDS1-D	16:Ø16mm 19:Ø19mm 22:Ø22mm	C: Concave head F: Flat round	10: 1NO 11: 1NO 1NC	No letters: Without LED D: Dot LED E: Ring LED ET: Ring and power symbol LED P: Plastic Cover SP: Painted Plastic Cover	No letters: Momentary Z: Latching	J: Pin Terminal	S: Stainless steel PC: Engineering plastic Anti-rotation customization: No letters: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue White Black SK: Customized Color SW: Silver white PC	6~48V 220V Other voltages can be customized
LED Color									
Red Green Yellow Orange Blue White									

HBDS1-D
10A
High Current Metal Push Button Switch

Tri-color LED
6V-48V(Red/Green/Blue)
Single-color LED 220V

NEW

HBDS1-D16C-10 J/S Ø16mm Flat Round

HBDS1-D16C-10E J/S/▲/△ Ø16mm Flat Round Ring Illuminated

HBDS1-D16C-10ET J/S/▲/△ Ø16mm Flat Round Ring Illuminated PowerSymbol

HBDS1-D19C-10 J/S Ø19mm Flat Round

HBDS1-D19C-10E J/S/▲/△ Ø19mm Flat Round Ring Illuminated

HBDS1-D19C-10ET J/S/▲/△ Ø19mm Flat Round Ring Illuminated PowerSymbol

HBDS1-D19C-11 J/S Ø19mm Flat Round

HBDS1-D19C-11E J/S/▲/△ Ø19mm Flat Round Ring Illuminated

HBDS1-D19C-11ET J/S/▲/△ Ø19mm Flat Round Ring Illuminated PowerSymbol

HBDS1-D19C-11TSC J/S Emergency Stop Switch(STOP) Ø19mm

HBDS1-D19C-11TSC J/S/▲/△ Illuminated Emergency Stop Switch Ø19mm

HBDS1-D22C-11 J/S Ø22mm Flat Round

HBDS1-D22C-11E J/S/▲/△ Ø22mm Flat Round Ring Illuminated

HBDS1-D22C-11ET J/S/▲/△ Ø22mm Flat Round Ring Illuminated PowerSymbol

HBDS1-D22F-11P J/PC/H Ø22mm Flat Round Dot Illuminated

HBDS1-D22F-11ET J/PC/H/▲/△ Ø22mm Flat Round Ring Illuminated PowerSymbol

HBDS1-D22F-11E J/PC/H/▲/△ Ø22mm Flat Round Ring Illuminated

HBDS1-D22F-11E J/PC/▲/△ Ø22mm Flat Round Ring Illuminated

HBDS1-D22F-11P J/PC/▲/△ Ø22mm Flat Round Dot Illuminated

HBDS1-D22F-11ET J/PC/▲/△ Ø22mm Flat Round Ring Illuminated PowerSymbol

HBDS1-D22C-11TSC J/S Emergency Stop Switch(STOP) Ø22mm

HBDS1-D22C-11TSC J/S/▲/△ Illuminated Emergency Stop Switch Ø22mm

HBDGQ-D									
Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage
HBDGQ-D	16:Ø16mm 19:Ø19mm 22:Ø22mm 25:Ø25mm 30:Ø30mm	C: Concave flat head	10: 1NO 20: 2NO	No letters: Without LED D: Dot LED E: Ring LED ET: Ring and power symbol LED P: Plastic Cover SP: Painted Plastic Cover	No letters: Momentary Z: Latching	Y: With wires	S: Stainless steel Anti-rotation customization: None No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue White Black	6V 12V-24V 110V 220V Other voltages can be customized
LED Color									
Red Green Yellow Orange Blue White									

D22 10A
SERIES METAL BUTTON
High Current Metal Push button Series

Full body waterproof
Waterproof degree IP66

NEW

HBDGQ-D16C-10 J/S Ø16mm Flat Round

HBDGQ-D16C-10E J/S/▲/△ Ø16mm Flat Round Ring Illuminated

HBDGQ-D16C-10ET J/S/▲/△ Ø16mm Flat Round Ring Illuminated PowerSymbol

HBDGQ-D19C-20 J/S Ø19mm Flat Round

HBDGQ-D19C-20E J/S/▲/△ Ø19mm Flat Round Ring Illuminated

HBDGQ-D19C-20ET J/S/▲/△ Ø19mm Flat Round Ring Illuminated PowerSymbol

HBDGQ-D22C-20 J/S Ø22mm Flat Round

HBDGQ-D22C-20D J/S/▲/△ Ø22mm Flat Round Dot Illuminated

HBDGQ-D22C-20E J/S/▲/△ Ø22mm Flat Round Ring Illuminated

HBDGQ-D22C-20ET J/S/▲/△ Ø22mm Flat Round Ring Illuminated PowerSymbol

HBDGQ-D25C-20E J/S/▲/△ Ø25mm Flat Round Ring Illuminated

HBDGQ-D30C-20E J/S/▲/△ Ø30mm Flat Round Ring Illuminated

HBDGQ-D22C-20ET J/S/▲/△ Flat Round Ring Illuminated PowerSymbol Ø22mm

Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Operation Stroke	Lamp Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDGQ	12:Ø12mm 16:Ø16mm 19:Ø19mm 22:Ø22mm 25:Ø25mm 30:Ø30mm 35:Ø35mm	F: Flat round head H: High flat round head C: Concave head P: Hyperplane head	10:1NO 11:1NO1NC	W: Ultra-short stroke	No letters: Without LED E: Ring LED ET: Ring and power symbol LED	J: Pin Terminal L: Screw Terminal P: With wires (Terminal+wires) Y: With wires	N: Nickel-plated brass S: Stainless steel T: Aluminum alloy Anti-rotation customization: None: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue Black	3V 6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Yellow Green Orange White Blue Customization up to four-color light + Common anode - Common cathode

HBDGQ Metal micro switch(Ultra-thin)										
Can be made into multi-color lamps Bi-color lights Tri-color lights Four-color lights										
					HBDGQ12SF-10W/J/S Flat Round	Ø12mm	HBDGQ12SH-10W/J/S High Round	Ø12mm	HBDGQ12SF-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø12mm
					HBDGQ16SF-10W/J/S Flat Round 平面形	Ø16mm	HBDGQ16SF-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø16mm	HBDGQ16SF-10WET/J/S/Δ/Δ Flat Round Ring Illuminated PowerSymbol	Ø16mm
					HBDGQ19SF-10WET/J/S/Δ/Δ Flat Round Ring Illuminated PowerSymbol	Ø19mm	HBDGQ22SF-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø22mm	HBDGQ25SF-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø25mm
					HBDGQ30SF-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø30mm	HBDGQ19F-11W/J/S Flat Round	Ø19mm		
					HBDGQ19F-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø22mm	HBDGQ25C-11WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø25mm	HBDGQ30C-11WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø30mm
					HBDGQ22C-11WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø22mm	HBDGQ25C-11WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø25mm	HBDGQ30C-11WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø30mm
					HBDGQ19F-10WE/P/S Flat Round	Ø19mm	HBDGQ19F-10WE/P/S/Δ/Δ Flat Round Ring Illuminated	Ø19mm		

				
HBDGQ22F-10WE/P/S/Δ/Δ Flat Round Ring Illuminated	HBDGQ22PF-10WE/P/S/Δ/Δ Flat Round Ring Illuminated	HBDGQ16F-10WE/Y/S/Δ/Δ Flat Round Ring Illuminated	HBDGQ19F-10WE/Y/S/Δ/Δ Flat Round Ring Illuminated	HBDGQ22F-10WE/Y/S/Δ/Δ Flat Round Ring Illuminated
				
HBDGQ35F-10WE/P/Δ/Δ/Δ Flat Round Ring Illuminated	HBDGQ35SF-10WE/P/Δ/Δ/Δ(SOS) Flat Round Ring Illuminated	HBDGQ35SF-10WE/P/Δ/Δ/Δ(求助) Flat Round Ring Illuminated		

Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Switch Type	Operation Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDGQ	10:Ø10mm 12:Ø12mm 16:Ø16mm 19:Ø19mm	F: Flat round head H: High flat round head B: Domed	11:1NO1NC	No letters: Without LED E: Ring LED ET: Ring and power symbol LED	K: Electronic switch	No letters: Momentary Z: Latching	J: Pin Terminal	N: Nickel-plated brass S: Stainless steel T: Aluminum alloy Anti-rotation customization: None: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue Black	3V 6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White

HBDGQ METAL ELECTRONIC SWITCH										
					HBDGQ10F-11 Flat Round	Ø10mm	HBDGQ10H-11 High Round	Ø10mm	HBDGQ12F-11 Flat Round	Ø12mm
					HBDGQ12H-11 High Round	Ø12mm	HBDGQ12B-11 Domed	Ø12mm	HBDGQ16H-11E High Round	Ø16mm
					HBDGQ16F-11 Flat Round	Ø16mm	HBDGQ16F-11 Flat Round	Ø16mm	HBDGQ16F-11E Flat Round Ring Illuminated	Ø16mm
					HBDGQ16F-11E Flat Round Ring Illuminated Power Symbol	Ø16mm				



Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Operating Position	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDS1-AGQ	16: Ø16mm 19: Ø19mm 22: Ø22mm 25: Ø25mm 28: Ø28mm 30: Ø30mm 35: Ø35mm 40: Ø40mm	F Flat head C Concave head B Domed head M Mushroom head PF Hyperplane	11: 1NO1NC 22: 2NO2NC	No letters Without LED D Dot LED DT Power symbol LED E Ring LED ET Ring and power symbol LED DC Translucent Customized Symbol EC Ring LED with Translucent Customized Symbol P Plastic Cover SP Painted Plastic Cover	No letters Momentary Z Latching X Selector switch XD Selector switch with LED Y Key switch TS Emergency stop switch	Operating position of the selector switch and key switch 21: Two position Maintained type 31: Three position Maintained type	J Pin terminal	N: Nickel plated brass S: Stainless steel T: Aluminum alloy PC: Engineering plastic	No letters: Shell natural color Red Green Yellow Orange Blue White	3V 6V 12V 24V 36V 110V 220V Other voltages can be customized	Up to three colors of light (Tri-color) can be customized + Common anode - Common cathode

HBDS1-AGQ Series

Anti-vandal Waterproof Push Button Switch

φ16mm、φ19mm、φ22mm、φ25mm、φ30mm

Customization: Color-plated aluminum alloy
Can be made into a bi-color light, Can be made into a tri-color light
Waterproof degree IP67





										
HBDS1GQ35F-11E     Flat Round Ring Illuminated										
Ø35mm										
HBDS1GQ          										
Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDS1GQ	19:Ø19mm 22:Ø22mm 25:Ø25mm 30:Ø30mm	F: Flat head H: High flat round head	11: 1NO1NC	No letters: Without LED D: Dot LED E: Ring LED ET: Ring LED with Power Symbol	No letters: Momentary Z: Latching	J: Pin terminal L: Screw terminal	N: Nickel-plated brass S: Stainless steel T: Aluminum alloy Anti-rotation customization: No letters: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color  Red  Green  Yellow  Orange  Blue  White  Black	6V 12V 24V 36V 110V 220V Other voltages can be customized	 Red  Green  Yellow  Orange  Blue  White

HBDS1GQ Series

Anti-vandal Waterproof Push Button Switch

Customization:
Color-plated aluminum alloy
Waterproof degree IP67

				
HBDS1GQ19F-11D     Flat Round Dot Illuminated	HBDS1GQ19F-11E     Flat Round Ring Illuminated	HBDS1GQ19F-11E     Flat Round Ring Illuminated	HBDS1GQ19H-11E     High Round Ring Illuminated	HBDS1GQ19H-11E     High Round Ring Illuminated
Ø19mm	Ø19mm	Ø19mm	Ø19mm	Ø19mm
				
HBDS1GQ19F-11ET     Flat Round Ring Illuminated PowerSymbol	HBDS1GQ19F-11ET     Flat Round Ring Illuminated PowerSymbol	HBDS1GQ22F-11E   Flat Round	HBDS1GQ22F-11E   Flat Round	HBDS1GQ22F-11E     High Round Ring Illuminated
Ø19mm	Ø19mm	Ø22mm	Ø22mm	Ø22mm
				
HBDS1GQ22F-11E     High Round Ring Illuminated	HBDS1GQ22H-11E     High Round Ring Illuminated	HBDS1GQ22H-11E     High Round Ring Illuminated	HBDS1GQ22F-11ET     Flat Round Ring Illuminated PowerSymbol	HBDS1GQ22F-11ET     Flat Round Ring Illuminated PowerSymbol
Ø22mm	Ø22mm	Ø22mm	Ø22mm	Ø22mm

				
HBDS1GQ25F-11E   Flat Round	HBDS1GQ25F-11E     High Round Ring Illuminated	HBDS1GQ25F-11ET     Flat Round Ring Illuminated PowerSymbol	HBDS1GQ30F-11E   Flat Round	HBDS1GQ30F-11E     High Round Ring Illuminated
Ø25mm	Ø25mm	Ø25mm	Ø30mm	Ø30mm
				
HBDS1GQ30F-11ET     Flat Round Ring Illuminated PowerSymbol				
Ø25mm				

HBDS1-BGQ          										
Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDS1-BGQ	19:Ø19mm 22:Ø22mm	F: Flat head	11: 1NO1NC 22: 2NO2NC 33: 3NO3NC	No letters: Without LED D: Dot LED E: Ring LED ET: Ring LED with Power Symbol	No letters: Momentary Z: Latching	J: Pin terminal	N: Nickel-plated brass S: Stainless steel Anti-rotation customization: No letters: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color  Red  Green  Yellow  Orange  Blue  White  Black	6V 12V 24V 36V 110V 220V Other voltages can be customized	 Red  Green  Yellow  Orange  Blue  White

HBDS1-BGQ Series

Anti-vandal Waterproof Push Button Switch

Customization:
Color-plated aluminum alloy

				
HBDS1-BGQ19F-11D     Flat Round Dot Illuminated	HBDS1-BGQ19F-11E     Flat Round Ring Illuminated	HBDS1-BGQ19F-11ET     Flat Round Ring Illuminated PowerSymbol	HBDS1-BGQ22F-11E     Flat Round	HBDS1-BGQ22F-11D     Flat Round Dot Illuminated
Ø19mm	Ø19mm	Ø19mm	Ø22mm	Ø22mm
				
HBDS1-BGQ22F-11E     Flat Round Ring Illuminated	HBDS1-BGQ22F-11ET     Flat Round Ring Illuminated PowerSymbol			
Ø22mm	Ø22mm			

Series Number	Mounting Hole Size	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Terminal Type	Shell Material	Shell Custom Color	AC/DC LED Voltage	LED Color
HBDGQ	22:Ø22mm 25:Ø25mm 28:Ø28mm 30:Ø30mm	F: Flat head	11: 1NO 1NC 22: 2NO 2NC	No letters: Without LED D: Dot LED E: Ring LED ET: Ring LED with Power Symbol	No letters: Momentary Z: Latching	J: Pin terminal	N: Nickel-plated brass S: Stainless steel T: Aluminum alloy PC: Engineering plastic Anti-rotation customization: No letters: No anti-rotation customization 1: Single anti-rotation 2: Both side anti-rotation	No letters: Shell natural color Red Green Yellow Orange Blue White Black SK: Customized Color PC: Selectable SW: Silver white	3V 6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White

HBDGQ Series

Anti-vandal Waterproof Push Button Switch

φ22mm、φ25mm、φ28mm、φ30mm

Customization: Color-plated aluminum alloy

				
HBDGQ22F-11 J/S Flat Round Ø22mm	HBDGQ22F-11D J/S/▲ Flat Round Dot Illuminated Ø22mm	HBDGQ22F-11E J/S/▲ Flat Round Ring Illuminated Ø22mm	HBDGQ22F-11ET J/S/▲ Flat Round Ring Illuminated PowerSymbol Ø22mm	HBDGQ22F-11 J/PC/H Flat Round Ø22mm
				
HBDGQ22F-11E J/PC/H/▲ Flat Round Ring Illuminated Ø22mm	HBDGQ22F-11ET J/PC/H/▲ Flat Round Ring Illuminated PowerSymbol Ø22mm	HBDGQ22F-11 J/PC Flat Round Ring Illuminated Ø22mm	HBDGQ22F-11E J/PC/▲ Flat Round Ring Illuminated Ø22mm	HBDGQ22F-11ET J/PC/▲ Flat Round Ring Illuminated PowerSymbol Ø22mm
				
HBDGQ25F-11 J/S Flat Round Ø25mm	HBDGQ25F-11D J/S/▲ Flat Round Dot Illuminated Ø25mm	HBDGQ25F-11E J/S/▲ Flat Round Ring Illuminated Ø25mm	HBDGQ25F-11ET J/S/▲ Flat Round Ring Illuminated PowerSymbol Ø25mm	HBDGQ28F-11 J/S Flat Round Ø28mm
				
HBDGQ28F-11E J/S/▲ Flat Round Ring Illuminated Ø28mm	HBDGQ30F-11 J/S Flat Round Ø30mm	HBDGQ30F-11D J/S/▲ Flat Round Dot Illuminated Ø30mm	HBDGQ30F-11E J/S/▲ Flat Round Ring Illuminated Ø30mm	HBDGQ30F-11ET J/S/▲ Flat Round Ring Illuminated PowerSymbol Ø30mm

Series Number	Mounting Hole Size	Contact Configuration	Lamp Type	Operation Type	Operating Position	Shell Material	AC/DC LED Voltage	LED Color
HBD-K	10A:Ø22mm 10B:Ø22mm 10S:Ø30mm 20A:Ø22mm 20B:Ø22mm 20S:Ø30mm	11: 1NO 1NC 22: 2NO 2NC	No letters: Flat head without LED D: Flat round head with LED G: High head without LED GD: High head with LED F: Metal Ring without LED E: Ring LED M: Mushroom head without LED MD: Mushroom head with LED SP: Painted Plastic Cover	No letters: Momentary Z: Latching X: Selector switch Y: Key switch TS: Emergency stop switch	Operating position of the selector switch and key switch: 1: Two position 2: Three position 3: Selector switch and key switch action type 1: Maintained type 2: Right self-reset and left self-reset	C: Chrome-plated brass S: Stainless steel	6V 12V 24V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White Black

HBD-K20A HBD-K20B

SERIES METAL BUTTON

Waterproof push button

The first to create a unique magnetic blowing arc extinguishing push button



K20A

Plastic head

				
HBD-K20A-G/▲ Flat head push button Ø22mm	HBD-K20A-GD/▲ Flat head push button with LED Ø22mm	HBD-K20A-M/▲ Mushroom button Ø22mm	HBD-K20A-MD/▲ Mushroom button with LED Ø22mm	HBD-K20A-MA/▲ Mushroom button (small head 35) Ø22mm
				
HBD-K20A-MC/▲ Mushroom button (small head 35) Ø22mm	HBD-K20A-X/▲ Selector switch Ø22mm	HBD-K20A-XB/▲ Long handle selector switch Ø22mm	HBD-K20A-Y/▲ Key switch Ø22mm	HBD-K20A-TSA/R Emergency stop switch (30) Ø22mm
				
HBD-K20A-TSC/R Emergency stop switch (60) Ø22mm	HBD-K20A-TS/R Emergency stop switch (40) Ø22mm	HBD-K20A-TSD/R Emergency stop switch (40) Ø22mm	HBD-K20W-11S/RG Double-headed pushbuttons Ø22mm	HBD-K20W-11DS/RG Illuminated Double-headed pushbuttons Ø22mm

K20B
黄铜头部 Brass Head



HBD-K20B-□■/□/△
Flat head push button

Ø22mm



HBD-K20B-□D■/□/△
Flat head push button with LED

Ø22mm



HBD-K20B-□G■/□/△
High head push button

Ø22mm



HBD-K20B-□GD■/□/△
High head push button with LED

Ø22mm



HBD-K20B-□F■/□/△
Flat head push button with ring light circle

Ø22mm



HBD-K20B-□E■/□/△
Flat head push button with ring LED

Ø22mm



HBD-K20B-□M■/□/△
Mushroom button

Ø22mm



HBD-K20B-□MD■/□/△
Mushroom button with LED

Ø22mm



HBD-K20B-□X/●/□/△
Selector switch

Ø22mm



HBD-K20B-□XB/●/□/△
Long handle selector switch

Ø22mm



HBD-K20B-□Y/●/□/△
Key switch

Ø22mm

K20S Ø30mm
黄铜镀烙头部 Chromeplated brass head



HBD-K20S-□■/C/△
Flat head push button

Ø30mm



HBD-K20S-□D■/C/△
Flat head push button with LED

Ø30mm



HBD-K20S-□G■/C/△
High head push button

Ø30mm



HBD-K20S-□GD■/C/△
High head push button with LED

Ø30mm



HBD-K20S-□M■/C/△
Mushroom button

Ø30mm



HBD-K20S-□MD■/C/△
Mushroom button with LED

Ø30mm



HBD-K20S-□X/●/C/H
Selector switch

Ø30mm



HBD-K20S-□Y/●/C
Key switch

Ø30mm



HBD-K20S-□E■/C/△
Flat head push button
(Can be customized with various symbols)

Ø30mm



HBD-K20S-□SP■/C/△
Flat head push button
(Can be customized with various symbols and text)

Ø30mm



HBD-K20S-□SP■/C/△
Flat head push button with LED
(Can be customized with various symbols)

Ø30mm

K20B-Q
Metal head



HBD-K20B-□■/Q/△
High head push button

Ø22mm



HBD-K20B-□D■/Q/△
Flat head push button with LED

Ø22mm



HBD-K20B-□E■/Q/△
Flat head push button with ring LED

Ø22mm



HBD-K20B-□G■/Q/△
High head push button

Ø22mm



HBD-K20B-□GD■/Q/△
High head push button with LED

Ø22mm



HBD-K20B-□M■/Q/△
Mushroom button

Ø22mm



HBD-K20B-□MD■/Q/△
Mushroom button with LED

Ø22mm



HBD-K20A-□TSA/Q/R
Emergency stop switch(30)

Ø22mm



HBD-K20A-□TSC/Q/R
Emergency stop switch(60)

Ø22mm



HBD-K20A-□TS/Q/R
Emergency stop switch(40)

Ø22mm



HBD-K20A-□TSD/Q/R
Emergency stop switch(40)

Ø22mm



HBD-K20B-□X/Q/●/H
Selector switch

Ø22mm



HBD-K20B-□XB/Q/●/H
Long handle selector switch

Ø22mm



HBD-K20B-□Y/Q/●/H
Key switch

Ø22mm

大和
CDOE Glory Series



Patented products

New upgrade

Series Number	Mounting Hole Size	Contact Configuration	Lamp Type	Operation Type	Operating Position	Shell Material	AC/DC LED Voltage	LED Color
HBDY5	KA:Ø22mm KB:Ø22mm KS:Ø30mm	10: 1NO 01: 1NC 11: 1NO 1NC 22: 2NO 2NC 20: 2NO 02: 2NC	No letters: Flat head without LED D: Flat round head with LED G: High head without LED GD: High head with LED F: Metal Ring without LED E: Ring LED M: Mushroom head without LED MD: Mushroom head with LED SP: Painted Plastic Cover	No letters: Momentary Z: Latching X: Selector switch Y: Key switch TS: Emergency stop switch	Operating position of the selector switch and key switch: 1. Two position 2. Three position 3. Selector switch and key switch action type: 1. Maintained type 2. Right self-reset and left self-reset	C: Chrome-plated brass S: Stainless steel	6V 12V 24V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White Black

CDOE Glory Series: groundbreaking innovative design, resetting new standards in the industry!
HBDY5 series, small size, light weight and short length, up to 8 switching elements can be installed per button.
Innovative self-locking design, without increasing the overall length, the style is more beautiful and practical.
Adopting one-piece light box with 45 degree side elevation screws, wiring is more convenient and quicker.
The switching element is designed with silver contacts to easily pass 16A high current.
Innovative installation methods, nut-fixed panels, rotating snap-on bases, and combined contact modules make installation easier and faster!
The product has a reliable IP65 waterproof rating (front of panel).
Made of flame-retardant materials, it has excellent high and low temperature resistance.
The switching element is designed with silver contacts to easily pass 16A high current.
HBDY5 series, small size, light weight and short length, up to 8 switching elements can be installed per button.
Innovative self-locking design, without increasing the overall length, the style is more beautiful and practical.
Adopting one-piece light box with 45 degree side elevation screws, wiring is more convenient and quicker.
The switching element is designed with silver contacts to easily pass 16A high current.

HBDY5 (XB2 / LAY5) Series Push Button Switch
φ22mm Transient type / Slow-moving type

Switch make 1NO or 1NC contact
Customised conventional single contacts with various symbols

KA Series 22mm
Plastic head



HBDY5-KA-□M/△
Flat head push button

Ø22mm

HBDY5-KA-□D/▲/△
Flat head push button with LED

Ø22mm

HBDY5-KA-□G/△
High head push button

Ø22mm

HBDY5-KA-□GD/▲/△
High head push button with LED

Ø22mm



HBDY5-KA-□M/△
Mushroom push button

Ø22mm



HBDY5-KA-□MD/▲/△
Mushroom button with LED

Ø22mm



HBDY5-KA-□MA/△
Mushroom button (small head 35)

Ø22mm



HBDY5-KA-□MC/△
Mushroom button (small head 35)

Ø22mm



HBDY5-KA-□X/◆/H
Selector switch

Ø22mm



HBDY5-KA-□XB/◆/H
Long handle selector switch

Ø22mm



HBDY5-KA-□Y/◆
Key switch

Ø22mm



HBDY5-KA-□TSA/R
Emergency stop switch

Ø22mm



HBDY5-KA-□TSC/R
Emergency stop switch

Ø22mm



HBDY5-KA-□TS/R
Emergency stop switch

Ø22mm



HBDY5-KA-□TSD/R
Emergency stop switch

Ø22mm



HBDY5-KW-11S/RG
Double-headed pushbuttons

Ø22mm



HBDY5-KW-11DS/RG/▲/△
Illuminated Double-headed pushbuttons

Ø22mm



HBDY5-KA-□H/U/V
Flat head push button

Ø22mm



HBDY5-KA-□W/U/V
Flat head push button

Ø22mm



HBDY5-KA-□B/U/V
Flat head push button White double arrow

Ø22mm

KW Series 22mm
Painted plastic head



HBDY5-KW-□□/□/△
Flat head push button

Ø22mm



HBDY5-KW-□D/□/▲/△
Flat head push button with LED

Ø22mm



HBDY5-KW-□G/□/△
High head push button

Ø22mm



HBDY5-KW-□GD/□/▲/△
High head push button with LED

Ø22mm



HBDY5-KW-□M/□/△
Mushroom button

Ø22mm



HBDY5-KW-□MD/□/▲/△
Mushroom button with LED

Ø22mm



HBDY5-KW-□SP/□/C/△
Flat head push button
(Various symbols can be customised)

Ø22mm



HBDY5-KW-□SP/□/C/△
Flat head push button with LED
(Various symbols can be customised)

Ø22mm



HBDY5-KW-□X/◆/C/H
Selector switch

Ø22mm



HBDY5-KW-□Y/◆/C
Key switch

Ø22mm

201 Series 22mm Painted plastic head				
 				
HBDY5-KW-□■/△/201 Ø22mm Flat head push button				
HBDY5-KW-□D■/▲/△201 Ø22mm Flat head push button with LED				
				
HBDY5-KW-□G■/△/201 Ø22mm High head push button	HBDY5-KW-□GD■/▲/△201 Ø22mm High head push button with LED	HBDY5-KW-□M■/△/201 Ø22mm Mushroom button	HBDY5-KW-□MD■/▲/△201 Ø22mm Mushroom button with LED	HBDY5-KA-□TS/R/201 Ø22mm Emergency stop switch
				
HBDY5-KA-□TSD/R/201 Ø22mm Emergency stop switch	HBDY5-KA-□X/◆/H/201 Ø22mm Selector switch	HBDY5-KA-□XB/◆/H/201 Ø22mm Long handle selector switch	HBDY5-KA-□Y/◆/H/201 Ø22mm Key switch	

KB Seires 22mm Brass head				
				
HBDY5-KB-□■/○/△ Ø22mm Flat head push button	HBDY5-KB-□D■/○/▲/△ Ø22mm Flat head push button with LED	HBDY5-KB-□G■/○/△ Ø22mm High head push button	HBDY5-KB-□GD■/○/▲/△ Ø22mm High head push button with LED	HBDY5-KB-□M■/○/△ Ø22mm Mushroom button
				
HBDY5-KB-□MD■/○/▲/△ Ø22mm Mushroom button with LED	HBDY5-KB-□F■/○/△ Ø22mm Flat head push button (Various symbols can be customised)	HBDY5-KB-□E■/○/▲/△ Ø22mm Flat head push button with ring LED (Various symbols can be customised)	HBDY5-KB-□X/◆/○/H Ø22mm Selector switch	HBDY5-KB-□XB/◆/○/H Ø22mm Long handle selector switch
				
HBDY5-KB-□Y/◆/○ Ø22mm Key switch	HBDY5-KB-□D■/○/▲/67 Ø22mm Flat head push button with LED			

KS Series 30mm Brass head				
 				
HBDY5-KS-□■/C/△ Ø30mm Flat head push button				
HBDY5-KS-□D■/C/▲/△ Ø30mm Flat head push button with LED				
				
HBDY5-KS-□G■/C/△ Ø30mm High head push button	HBDY5-KS-□GD■/C/▲/△ Ø30mm High head push button with LED	HBDY5-KS-□M■/C/△ Ø30mm Mushroom button	HBDY5-KS-□MD■/C/▲/△ Ø30mm Mushroom button with LED	HBDY5-KS-□E■/C/▲/△ Ø30mm Flat head push button with ring LED (Various symbols can be customised)
				
HBDY5-KS-□SP■/C/△ Ø30mm Flat head push button (Various symbols can be customised)	HBDY5-KS-□SP■/C/▲/△ Ø30mm Flat head push button with LED (Various symbols can be customised)	HBDY5-KS-□X/◆/C/H Ø30mm Selector switch	HBDY5-KS-□Y/◆/C Ø30mm Key switch	

					
HBDS0GQ22F-□E/△ Flat head push button with ring LED	Ø22mm	HBDS0-KB-□D/△/67 Flat head push button with LED	Ø22mm		
KS Series 30mm Chrome plated brass					
					
		HBDS0-KS-□/C/△ Flat head push button	Ø30mm	HBDS0-KS-□SP/△ Flat head push button (Can be customised with various symbols and text)	Ø30mm
					
HBDS0-KS-□D/△/△ Flat head push button without LED	Ø30mm	HBDS0-KS-□SP/△/△ Flat head push button with LED (Can be customised with various symbols)	Ø30mm	HBDS0-KS-□E/△/△ Flat head push button with ring LED (Can be customised with various symbols)	Ø30mm
					
HBDS0-KS-□M/△/△ Mushroom button	Ø30mm	HBDS0-KS-□MD/△/△ Mushroom button with LED	Ø30mm	HBDS0-KS-□X/△/△ Selector switch	Ø30mm
201 Series 22mm Painted plastic head					
					
		HBDS0-KW-□/△/201 Flat head push button	Ø22mm	HBDS0-KW-□D/△/201 Flat head push button with LED	Ø22mm
					
HBDS0-KW-□G/△/201 High head push button	Ø22mm	HBDS0-KW-□GD/△/201 High head push button with LED	Ø22mm	HBDS0-KA-□TS/R/201 Emergency stop switch	Ø22mm
					
HBDS0-KA-□TSD/R/201 Emergency stop switch	Ø22mm	HBDS0-KA-□X/△/201 Selector switch	Ø22mm	HBDS0-KA-□XB/△/201 Long handle selector switch	Ø22mm
			HBDS0-KA-□Y/△/201 Key switch	HBDS0-KA-□YTS/△/201 Key switch	Ø22mm

HBDS1-A							
Series Number	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Operating Position	AC/DC LED Voltage	LED Color
HBDS1-A Ø16mm	Y: Round head F: Square head J: Rectangular head M: Mushroom head	11:1NO1NC 22:2NO2NC	No letters: Flat head without LED D: Large surface LED	No letters: Momentary Z: Latching D: Indicator light X: Selector switch XD: Selector switch with LED Y: Key switch TS: Emergency stop switch B: Buzzer	Operating position of the selector switch and key switch: 2: Two position 3: Three position Selector switch and key switch action type: 1: Keep type 3: Right self-reset and left self-reset	6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White + - + - + - + - +: Common anode -: Common cathode

HBDS1-A Series Push Button Switch									
		HBDS1-AY-D/▲/△ Round Indicator	Ø16mm	HBDS1-AF-D/▲/△ Square Pushbutton	Ø16mm	HBDS1-AJ-D/▲/△ Rectangle Indicator	Ø16mm		
									
HBDS1-AY-□◇■/▲/△ Round Pushbutton	Ø16mm	HBDS1-AF-□◇■/▲/△ Square Pushbutton	Ø16mm	HBDS1-AJ-□◇■/▲/△ Rectangle Pushbutton	Ø16mm	HBDS1-AM-□◇■/▲/△ Mushroom Pushbutton	Ø16mm	HBDS1-AFM-□◇■/▲/△ Big Square Pushbutton	Ø16mm
									
HBDS1-AJM-□◇■/▲/△ Big Rectangle Pushbutton	Ø16mm	HBDS1-AY-□X/◆● Round Selector Switch	Ø16mm	HBDS1-AF-□X/◆● Square Selector Switch	Ø16mm	HBDS1-AJ-□X/◆● Rectangle Selector Switch	Ø16mm	HBDS1-AY-□XD/◆●/▲/△ Round Illuminated Selector Switch	Ø16mm
									
HBDS1-AF-□XD/◆●/▲/△ Square Illuminated Selector Switch	Ø16mm	HBDS1-AJ-□XD/◆●/▲/△ Rectangle Illuminated Selector Switch	Ø16mm	HBDS1-AY-□Y/◆● Round Key Switch	Ø16mm	HBDS1-AF-□Y/◆● Square Key Switch	Ø16mm	HBDS1-AJ-□Y/◆● Rectangle Key Switch	Ø16mm
									
HBDS1-AY-M/▲ Round Buzzer	Ø16mm	HBDS1-AY-□TSS Emergency Stop Switch	Ø16mm	HBDS1-AY-□TSA Emergency Stop Switch	Ø16mm	HBDS1-AY-□TSC Emergency Stop Switch	Ø16mm	HBDS1-AY-□TSD Emergency Stop Switch	Ø16mm

					
HBDS1-A-□TSF Emergency Stop Switch	Ø16mm				

HBDS1-B							
Series Number	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Operating Position	AC/DC LED Voltage	LED Color
HBDS1-B Ø16mm	Y: Round head F: Square head J: Rectangular head M: Mushroom head	11:1NO1NC 22:2NO2NC	No letters: Flat head without LED D: Large surface LED	No letters: Momentary Z: Latching D: Indicator light X: Selector switch XD: Selector switch with LED Y: Key switch TS: Emergency stop switch	Operating position of the selector switch and key switch: 2: Two position 3: Three position Selector switch and key switch action type: 1: Keep type 3: Right self-reset and left self-reset	6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White + Common anode - Common cathode

HBDS1-B Series Push Button Switch					
					
HBDS1-BY-□◆/▲/△ Ø16mm Round Pushbutton		HBDS1-BF-□◆/▲/△ Ø16mm Square Pushbutton		HBDS1-BJ-□◆/▲/△ Ø16mm Rectangle Pushbutton	
					
HBDS1-BM-□◆/▲/△ Ø16mm Mushroom Pushbutton		HBDS1-BFM-□◆/▲/△ Ø16mm Big Square Pushbutton		HBDS1-BJM-□◆/▲/△ Ø16mm Big Rectangle Pushbutton	
					
HBDS1-BY-□X/◆● Ø16mm Round Selector Switch		HBDS1-BF-□X/◆● Ø16mm Square Selector Switch			
					
HBDS1-BJ-□X/◆● Ø16mm Rectangle Selector Switch		HBDS1-BY-□TS(警示圈) Ø16mm Emergency Stop Switch			

HBDS1-A								
Series Number	Variety Model	The Front Shape	Contact Configuration	Lamp Type	Operation Type	Operating Position	AC/DC LED Voltage	LED Color
HBDS1-A	P: Black border W: White border	Y: Round head F: Square head J: Rectangular head	11:1NO1NC 22:2NO2NC	No letters: Flat head without LED D: Large surface LED T: Power symbol (Other symbols can be customised)	No letters: Momentary Z: Latching XD: Selector switch with LED Y: Key switch TS: Emergency stop switch with LED	Operating position of the selector switch and key switch: 2: Two position 3: Three position Selector switch and key switch action type: 1: Maintained type 3: Right self-reset and left self-reset	6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White + Common anode - Common cathode

HBDS1-AW Type Push Button Switch φ 22mm					
		HBDS1-AWY-□◆/▲/△ Ø22mm Round Pushbutton	HBDS1-AWF-□◆/▲/△ Ø22mm Square Pushbutton	HBDS1-AWJ-□◆/▲/△ Ø22mm Rectangle Pushbutton	HBDS1-AWY-□◆/▲/△ Ø22mm Round Pushbutton
					
HBDS1-AWF-□◆/▲/△ Ø22mm Square Pushbutton	HBDS1-AWJ-□◆/▲/△ Ø22mm Rectangle Pushbutton	HBDS1-APY-□◆/▲/△ Ø22mm Round Pushbutton	HBDS1-APF-□◆/▲/△ Ø22mm Square Pushbutton	HBDS1-APJ-□◆/▲/△ Ø22mm Rectangle Pushbutton	
					
HBDS1-APY-□◆/▲/△ Ø22mm Round Pushbutton	HBDS1-APJ-□◆/▲/△ Ø22mm Rectangle Pushbutton	HBDS1-APY-□◆/▲/△ Ø22mm Round Pushbutton	HBDS1-APF-□◆/▲/△ Ø22mm Square Pushbutton	HBDS1-APJ-□◆/▲/△ Ø22mm Rectangle Pushbutton	
					
HBDS1-APY-□X/◆/▲/△ Ø22mm Round Selector Switch	HBDS1-APF-□X/◆/▲/△ Ø22mm Square Selector Switch	HBDS1-APJ-□X/◆/▲/△ Ø22mm Rectangle Selector Switch	HBDS1-APY-□Y/◆/▲/△ Ø22mm Round Key Switch	HBDS1-APF-□Y/◆/▲/△ Ø22mm Square Key Switch	
					
HBDS1-APJ-□Y/◆/▲/△ Ø22mm Rectangle Key Switch	HBDS1-APY-□TS Ø22mm Emergency Stop Switch				

HBDS1-B								☆	○	-	□	◇	■	▲	△
Series Number	Variety Model	The Front Shape	Contact Configuration	Lamp Type	Operation Type	AC/DC LED Voltage	LED Color								
HBDS1-B	P: Black border W: White border	Y: Round head F: Square head J: Rectangular head	11:1NO1NC 22:2NO2NC	No letters: Flat head without LED D: Large surface LED T: Power symbol (Other symbols can be customised)	No letters: Momentary Z: Latching X: Selector switch XD: Selector switch with LED Y: Key switch TS: Emergency stop switch DTS: Emergency stop switch with LED	6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White + Common anode - Common cathode								

HBDS1-BW Type Push Button Switch

φ22mm

				
HBDS1-BWY-□/△ Round Pushbutton	HBDS1-BWF-□/△ Square Pushbutton	HBDS1-BWJ-□/△ Rectangle Pushbutton	HBDS1-BWY-□/△ Round Pushbutton	HBDS1-BWF-□/△ Square Pushbutton
				
HBDS1-BWJ-□/△ Rectangle Pushbutton	HBDS1-BPY-□/△ Round Pushbutton	HBDS1-BPJ-□/△ Square Pushbutton	HBDS1-BPJ-□/△ Rectangle Pushbutton	HBDS1-BPY-□/△ Round Pushbutton
				
HBDS1-BPJ-□/△ Square Pushbutton	HBDS1-BPJ-□/△ Rectangle Pushbutton			

HBDY5							
Series Number	The Front Shape	Contact Configuration	Lamp Type	Variety Model	Operation Type	AC/DC LED Voltage	LED Color
HBDY5: Metal head HBDY5E: Plastic head	No letters: Round J: Double-headed push button (Flat head push button + Flat head push button) S: Double-headed push button (Flat head push button + High head push button)	10: 1NO 01: 1NC 11: 1NO 1NC 22: 2NO 2NC	No letters: Push button without LED D: Push button with LED GD: High head push button with LED F: Push button with waterproof cover T: Push button with symbols M: Mushroom head push button S: Double-headed push button DS: Double-headed push button with LED	No letters: Momentary Z: Latching X: Selector switch XB: Long handle selector switch with LED Y: Key switch TS: Turn the reset emergency stop button TL: Push-pull emergency stop button	Operating position of the selector switch and key switch: 2: Two position 3: Three position Selector switch and key switch action type: 1: Maintained type 2: Right self-reset 3: Right self-reset and left self-reset 4: Left self-reset	6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White Black

HBDY5(XB2、LAY5)

HBDY5(XB2、LAY5) Series Push Button Switch

φ22mm
slow-moving type

Various symbols can be customised

				
HBDY5-□F/△ Flat head pushbuttons	HBDY5-□T/△ Flat head pushbuttons with marking	HBDY5-□D/△ Illuminated Flat Head Pushbuttons	HBDY5-□M/△(Ø40) Mushroom Head Pushbuttons	HBDY5-□MC/△ Mushroom Head Pushbuttons
				
HBDY5-□TL Push-pull	HBDY5-□TSA Turn to release	HBDY5-□TS Turn to release	HBDY5-□MY Key release 钥匙复位	HBDY5-□X/◆ Selector Switches 选择按钮
				
HBDY5-□XB/◆ Long Handle Selector Switches	HBDY5-□Y/◆ Key switches	HBDY5-□XD/◆ Illuminated Selector Switches	HBDY5J-□S Double-headed pushbuttons	HBDY5J-□S Double-headed pushbuttons
				
HBDY5J-□SF Double-headed pushbuttons	HBDY5J-□SF Double-headed pushbuttons	HBDY5J-□DS Illuminated Double-headed pushbuttons	HBDY5J-□DS Illuminated Double-headed pushbuttons	

HBDWN20 ROTARY SWITCHES



HBDWN20-CG
Conventional type



HBDWN20-DZ
Voltage conversion type



HBDWN20-DB
Conventional type baseplate



HBDWN20-DK
Single hole installation



HBDWN20-DZF
Conventional type



HBDWN20-DRG
Special capacitor cabinet



HBDWN20-GS
Padlock type



HBDWN20-YS
Switch with lock power

HBDWN16 ROTARY SWITCHES



HBDWN16-CG
Conventional type



HBDWN16-ZF
Self replicating



HBDWN16-DZ
Voltage conversion type

CROSS SWITCH



HBDY5-PA12 Latching
HBDY5-PA22 Momentary
Cross Switch



HBDY5-PA14 Latching
HBDY5-PA24 Momentary
Cross Switch



HBDY5-201 Latching
HBDY5-2011 Momentary
Cross Switch



HBDY5-402 Latching
HBDY5-2022 Momentary
Cross Switch

HBD16

Series Number	Neck Mounting Dimensions	Auxiliary code	Form of structure	AC/DC LED Voltage	LED Color
HBD16	Ø:8mm Ø:10mm Ø:12mm Ø:16mm Ø:22mm Ø:30mm	A: Pin terminal D: Screw terminal SM: Flash buzzer D/B: bi-colour LED	No letters: Standard structure S: Ultrashort structure	6V 12V 24V 36V 110V 220V Other voltages can be customized	Red Green Yellow Orange Blue White

HBD16 Series Indicator



HBD16-8A/Δ/Δ
Pilot Light



HBD16-12A/Δ/Δ
Pilot Light



HBD16-16D/Δ/Δ
Pilot Light



HBD16-16SM/Δ/Δ
Flashing Buzzer



HBD16-22DS/Δ/Δ
Pilot Light



HBD16-22DG/Δ/Δ
Pilot Light



HBD16-22DT/Δ/Δ
Pilot Light



HBD16-22B/SM/Δ/Δ
Flashing Buzzer



HBD16-22SM/Δ/Δ
Flashing Buzzer



HBD16-30D/Δ/Δ
Pilot Light



HBD16-22D/BI/Δ/Δ
Bi-color Lamp



HBD16-22FW/D/Δ/Δ
Circuit breaker position Indicator



HBD16-22FW/G/Δ/Δ
Isolating switch position indicator



HBD16-22FW/N/Δ/Δ
Grounding position Indicator



HBD16-22DW/D/Δ/Δ
Circuit breaker position Indicator



HBD16-22DW/G/Δ/Δ
Isolating switch position indicator



HBD16-22DW/N/Δ/Δ
Grounding position Indicator

HBD

Series Number	Material Description	Hole	Hole Size	Button Box Style
HBD	BX: Aluminium alloy material BXC: Aluminium alloy material (deepening version)	1,2,3,4,5,6 Other holes can be customised	16:Ø16mm 19:Ø19mm 22:Ø22mm	A: with ear B: without ear

CONTROL BOX

Control button box series



HBD-BX1/□
Aluminium one-hole button box



HBD-BX2/□
Aluminium two-hole button box



HBD-BX3/□
Aluminium three-hole button box



HBD-BX4/□
Aluminium four-hole button box



HBD-BX5/□
Aluminium five-hole button box



HBD-BXC1/□
Aluminium one-hole button box



HBD-BXC2/□
Aluminium two-hole button box



HBD-BXC3/□
Aluminium three-hole button box



HBD-BXC4/□
Aluminium four-hole button box



HBD-BXC5/□
Aluminium five-hole button box



HBD-BX2/□
Aluminium two-hole button box



HBD-BX3/□
Aluminium three-hole button box



HBD-BX4/□
Aluminium four-hole button box



HBD-BX5/□
Aluminium five-hole button box

BUTTON
ACCESSORIES
Push Button Accessory Series

Number of wires/pins	Length of line	Hole Size	LED Voltage		Head Color
			6V	12V	
			24V	36V	
			110V	220V	

Threaded Handle							
	Plastic Threaded Handle HBD-T38	Metal Hexagonal Threaded Handle HBD-T39/□	Ø12 Ø16 Ø19 Ø22				
Quick Connector							
	Quick connector HBD-T1/□	Quick connector HBD-T2/□	Quick connector HBD-T3/□	Quick connector HBD-T19/□	Quick connector HBD-T18/□	Solder terminals HBD-T4/□	
Protective cover							
	Round and square protective cover HBD-T5	Rectangular protective cover HBD-T6	Round Button Protective Cover HBD-T14/□	Square Button Protective Cover HBD-T15	Rectangular Button Protective Cover HBD-T16		
Waterproof cover							
	Flat button waterproof, dustproof cover HBD-T9/□	High button waterproof, dustproof cover HBD-T9/□	Sealing cover HBD-T10	Waterproof cover for double-headed buttons HBD-T33			
Emergency stop protective cover							
	Protective cover HBD-T11/1631/Y	Protective cover HBD-T11/1631/O	Protective cover HBD-T11/1640/Y	Protective cover HBD-T11/1640/O	Protective cover HBD-T12/1643/Y	Protective cover HBD-T12/1643/O	Protective cover HBD-T12/1652/Y
							
	Protective cover HBD-T23/22	Protective cover HBD-T24/2240	Protective cover HBD-T25/22	Protective cover HBD-T26/22	Protective cover HBD-T27/22	Protective cover HBD-T28/22	Protective cover HBD-T29/22

Protective cover								
	Protective cover HBD-T17/22	Protective cover HBD-T30/22	Protective cover HBD-T31/22	Protective cover HBD-T24/2560	Protective cover HBD-T26/25	Protective cover HBD-T27/25	Protective cover HBD-T26/30	Protective cover HBD-T28/30
Warning circle								
	Warning circle HBD-T7/1646	Warning circle HBD-T7/2240	Warning circle HBD-T7/2260					
Panel plug								
	Panel plug HBD-T40/□	Panel plug HBD-T40/□						
Diameter								
	Diameter changing circle Ø16 becomes Ø22	Diameter changing circle Ø16 becomes Ø25						
Other accessories								
	Symbol frame HBD-T20/□	Aviation plug protective cover Ø12	Aviation Plug GX12-3P					
lamp holder								
	HBD-K series lamp holder HBD-K-BV/△/▽	HBDY5-K series lamp holder HBDY5-K-BV/△/▽	HBD50-K series lamp holder HBD50-K-BV/△/▽					
contacts								
	HBD-K10 series contacts HBD-K10-BE/11	HBD-K20 series contacts HBD-K20-BE/11	HBDY5-K series contacts HBDY5-K-BE/10	HBDY5-K series contacts HBDY5-K-BE/01	HBD50-K series contacts HBD50-K-BE/11			



