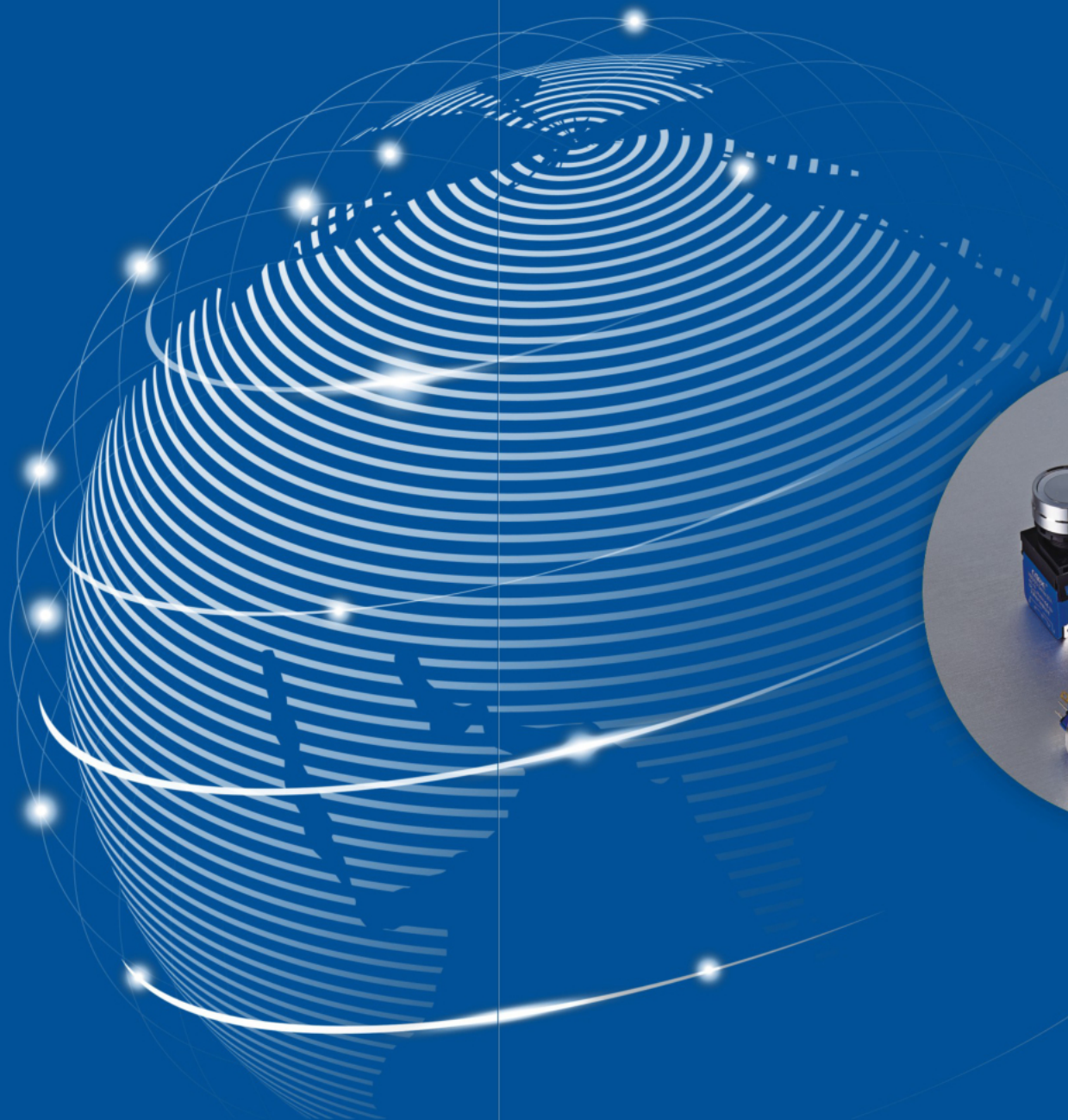


YUEQING DAHE ELECTRIC CO., LTD.

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Zhejiang Province,China

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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

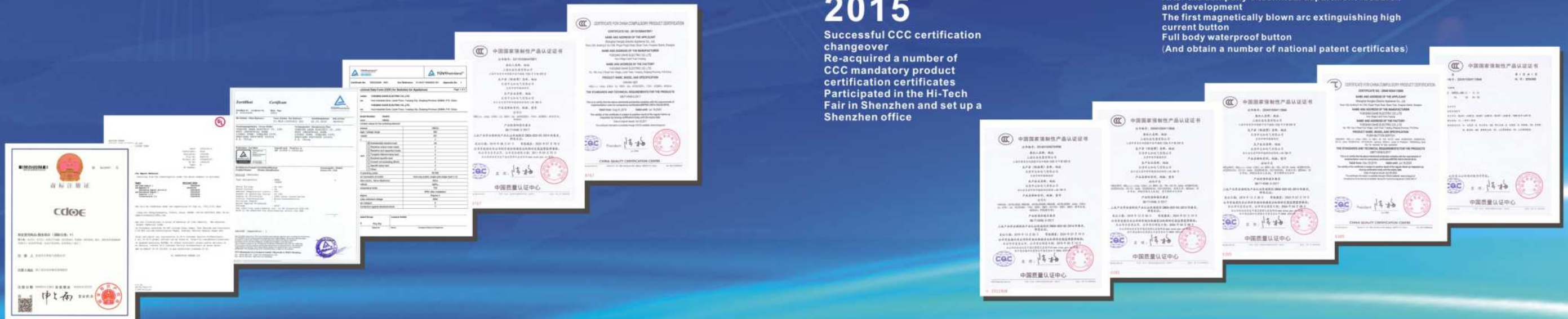
2021

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)
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P10	D22 10A Series Metal Button High Current Metal Push button Series
P11	HBDGQ Metal Micro Switch(Ultra-thin)
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P22	HBD-K20A、HBD-K20B Waterproof Push Button
P25	HBDY5(XB2/LAY5)Series Push Button Switch
P29	HBDS0(LA38) Series Push Button Switch
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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



HBD50-KB-□D Flat head push button with LED

Elevator button

NEW

Ø22mm



HBDY5-KA-□H/U/V Flat head push button



HBDY5-KA-□W/U/V Flat head push button



HBDY5-KA-□B/U/V Flat head push button



HBD50-KA-□H/U/V Flat head push button



HBD50-KA-□W/U/V Flat head push button



HBD50-KA-□B/U/V Flat head push button

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



HBDGQ6T-D/J/□/▲/△ Signal Lamp



HBDGQ8G-D/J/□/▲/△ Signal Lamp



HBDGQ8T-D/J/□/▲/△ Signal Lamp



HBDGQ8F-D/J/□/▲/△ Signal Lamp



HBDGQ10G-D/J/□/▲/△ Signal Lamp



HBDGQ10T-D/J/□/▲/△ Signal Lamp



HBDGQ12G-D/J/□/▲/△ Signal Lamp



HBDGQ12T-D/J/□/▲/△ Signal Lamp



HBDGQ12F-D/J/□/▲/△ Signal Lamp



HBDGQ12F-E/J/□/▲/△ Signal Lamp



HBDGQ14G-D/J/□/▲/△ Signal Lamp 信号灯



HBDGQ14T-D/J/□/▲/△ Signal Lamp



HBDGQ16DG-D/J/□/▲/△ Signal Lamp



HBDGQ16DT-D/J/□/▲/△ Signal Lamp



HBDGQ16DG-D/U/□/▲/△ Signal Lamp



HBDGQ16DT-D/U/□/▲/△ Signal Lamp



HBDGQ16F-D/J/□/▲/△ Signal Lamp



HBDGQ16F-E/J/□/▲/△ Signal Lamp



HBD51-AGQ16F-D/J/□/▲/△ Signal Lamp



HBD51-AGQ16F-E/J/□/▲/△ Signal Lamp



HBD51-AGQ16F-P/J/□/▲/△ Signal Lamp



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

HBDS1-D
10A
High Current Metal Push Button Switch

NEW

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



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/▲/△ Ø19mm
Illuminated Emergency Stop Switch



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 Ø22mm
Emergency Stop Switch(STOP)



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

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

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

NEW

Full body waterproof
Waterproof degree IP66



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/▲/△ Ø22mm
Flat Round Ring Illuminated PowerSymbol

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 平圆形	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
					HBDGQ19F-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø19mm	HBDGQ19F-11WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø19mm	HBDGQ19F-10WE/J/S/Δ/Δ Flat Round Ring Illuminated	Ø19mm
					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-10W/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-11ET Flat Round Ring Illuminated Power Symbol	Ø16mm				

HBDPS										
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
HBDPS	16:Ø16mm 19:Ø19mm 22:Ø22mm	F: Flat round head C: Concave head	10: 1NO	No letters: Without LED E: Ring LED	No letters: Momentary Z: Latching	Y: With wires	S: Stainless steel T: Aluminum alloy Anti-rotation customization: No anti-rotation 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	Red Green Yellow Orange Blue White

HBDPS

HBPS Series Metal Piezoelectric Switch

Ø16mm
Ø19mm
Ø22mm

HBDPS16P-10E Y/S/6-24V/RG/204 Hyperplane Ring Illuminated Ø16mm	HBDPS16C-10Y/S/204 Concave Ø16mm	HBDPS19P-10E Y/S/6-24V/RG/204 Hyperplane Ring Illuminated Ø19mm	HBDPS19C-10E Y/S/6-24V/RG/204 Concave Ring Illuminated Ø19mm	HBDPS19C-10Y/S/204 Concave Ø19mm
HBDPS22P-10E Y/S/6-24V/RG/204 Hyperplane Ring Illuminated Ø22mm	HBDPS22C-10E Y/S/6-24V/RG/204 Concave Ring Illuminated Ø22mm	HBDPS22C-10Y/S/204 Concave Ø22mm		
HBD-TS Series Metal touch switch NEW Ø16mm, Ø19mm, Ø22mm				
HBDTS16P-10E Y/S/6-24V/RG/204 Hyperplane Ring Illuminated Ø16mm	HBDTS19C-10E Y/S/24V/RG/204 Concave Ring Illuminated Ø19mm	HBDTS22C-10E Y/S/24V/RG/204 Concave Ring Illuminated Ø22mm		

HBDGQ										
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	12:Ø12mm 16:Ø16mm 19:Ø19mm 22:Ø22mm 25:Ø25mm	F: Flat head C: Concave head B: Domed head M: Mushroom head PF: Hyperplane	10: 1NO 01: 1NC	No letters: Without LED D: Dot LED E: Ring LED DT: Dot LED with Power symbol ET: Ring LED with Power Symbol	No letters: Momentary Z: Latching	J: Pin terminal L: Screw terminal	N: Nickel-plated brass C: Chrome-plated brass S: Stainless steel A: zinc alloy T: Aluminum alloy PA: Nylon Anti-rotation customization: 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

Anti-vandal Waterproof Push Button Switch

Customization: Color-plated aluminum alloy
Waterproof degree IP65

HBDGQ Series Anti-vandal Waterproof Push Button Switch Customization: Color-plated aluminum alloy Waterproof degree IP65				
		HBDGQ12F-10/J/Ø Flat Round Ø12mm	HBDGQ12H-10/J/Ø High Round Ø12mm	HBDGQ12F-10E/J/Ø/▲/△ Flat Round Ring Illuminated Ø12mm
HBDGQ12H-10E/J/Ø/▲/△ High Round Ring Illuminated Ø12mm	HBDGQ12F-10DT/J/Ø/▲/△ Flat Round Ring Illuminated PowerSymbol Ø12mm	HBDGQ12F-10Z/J/Ø Flat Round Ø12mm	HBDGQ12H-10Z/J/Ø High Round Ø12mm	HBDGQ12F-10EZ/J/Ø/▲/△ Flat Round Ring Illuminated Ø12mm
HBDGQ12H-10EZ/J/Ø/▲/△ High Round Ring Illuminated Ø12mm	HBDGQ12F-10DTZ/J/Ø/▲/△ Flat Round Ring Illuminated PowerSymbol Ø12mm	HBDGQ12B-10/J/▲/△ UV Domed Ø12mm Customized	HBDGQ12B-10/J/▲/△ Domed Ø12mm	HBDGQ12B-10/L/▲/△ Domed Ø12mm
HBDGQ12B-10/J/Ø Domed Ø12mm	HBDGQ12B-10/L/Ø Domed Ø12mm	HBDGQ12B-10D/J/▲/△ Domed Dot Illuminated Ø12mm	HBDGQ12B-10/J/PA/▲/204 Domed Ø12mm	HBDGQ12B-10/Y/PA/▲/204 Domed Ø12mm
HBDGQ12B-10/J/PA/▲ Domed Ø12mm	HBDGQ12B-10D/J/PA/▲/△ Domed Dot Illuminated Ø12mm	HBDGQ12S-10/J/▲/△ Square Ø12mm	HBDGQ12S-10/L/▲/△ Square Ø12mm	HBDGQ12/16B-10/J/T/△ Domed Ø16mm

				
HBDGQ12-16B-10/L/T/Δ Domed Ø16mm	HBDGQ16F-10/J/○ Flat Round Ø16mm	HBDGQ16F-10/L/○ Flat Round Ø16mm	HBDGQ16B-10/J/○ Domed Ø16mm	HBDGQ16B-10/L/○ Domed Ø16mm
				
HBDGQ16B-10/J/PA/Δ Domed Ø16mm	HBDGQ16H-10/J/○ High Round Ø16mm	HBDGQ16H-10/L/○ High Round Ø16mm	HBDGQ16M-10/J/T/Δ Mushroom Pushbutton Switch Ø16mm	HBDGQ16M-10/L/T/Δ Mushroom Pushbutton Switch Ø16mm
				
HBDGQ16F-10D/J/○/▲/Δ Flat Round Dot Illuminated Ø16mm	HBDGQ16F-10E/J/○/▲/Δ Flat Round Ring Illuminated Ø16mm	HBDGQ16H-10E/J/○/▲/Δ High Round Ring Illuminated Ø16mm	HBDGQ16F-10ET/J/○/▲/Δ Flat Round Ring Illuminated PowerSymbol Ø16mm	HBDGQ16M-10D/J/T/▲/Δ Dot-Illumination Mushroom Pushbutton Switch Ø16mm
				
HBDGQ16F-10E/L/○/▲/Δ Flat Round Ring Illuminated Ø16mm	HBDGQ16H-10E/L/○/▲/Δ High Round Ring Illuminated Ø16mm	HBDGQ16F-10ET/L/○/▲/Δ Flat Round Ring Illuminated PowerSymbol Ø16mm	HBDGQ16F-10Z/J/○ Flat Round Ø16mm	HBDGQ16B-10Z/J/○ Domed Ø16mm
				
HBDGQ16H-10Z/J/○ High Round Ø16mm	HBDGQ16F-10EZ/J/○/▲/Δ Flat Round Ring Illuminated Ø16mm	HBDGQ16F-10DZ/J/○/▲/Δ Flat Round Dot Illuminated Ø16mm	HBDGQ16F-10DTZ/J/○/▲/Δ Flat Round Dot Illuminated Ø16mm	HBDGQ16F-10EZ/L/○/▲/Δ Flat Round Ring Illuminated Ø16mm
				
HBDGQ19F-10/J/○ Flat Round Ø19mm	HBDGQ19F-10/L/○ Flat Round Ø19mm	HBDGQ19B-10Z/J/S Domed Ø19mm	HBDGQ19B-10/J/○ Domed Ø19mm	HBDGQ19B-10/L/○ Domed Ø19mm
				
HBDGQ19H-10Z/J/○ High Round Ø19mm	HBDGQ19H-10/J/○ High Round Ø19mm	HBDGQ19H-10/L/○ High Round Ø19mm	HBDGQ19M-10/J/T/Δ Mushroom Pushbutton Switch Ø19mm	HBDGQ19M-10/L/T/Δ Mushroom Pushbutton Switch Ø19mm

				
HBDGQ19F-TSA/J/S/R Emergency Stop Switch Ø19mm	HBDGQ19F-10E/J/○/▲/Δ Flat Round Ring Illuminated Ø19mm	HBDGQ19PF-10E/J/T/▲/Δ Hyperplane Ring Illuminated Ø19mm	HBDGQ19H-10E/J/○/▲/Δ High Round Ring Illuminated Ø19mm	HBDGQ19F-10ET/J/○/▲/Δ Flat Round Ring Illuminated PowerSymbol Ø19mm
				
HBDGQ19F-10E/L/○/▲/Δ Flat Round Ring Illuminated Ø19mm	HBDGQ19H-10E/L/○/▲/Δ High Round Ring Illuminated Ø19mm	HBDGQ19F-10ET/L/○/▲/Δ Flat Round Ring Illuminated PowerSymbol Ø19mm	HBDGQ19F-10DTZ/J/○/▲/Δ Flat Round Dot Illuminated Ø19mm	HBDGQ19F-10DZ/J/○/▲/Δ Flat Round Dot Illuminated Ø19mm
				
HBDGQ22F-10/J/○ Flat Round Ø22mm	HBDGQ22B-10/L/○ Domed Ø22mm	HBDGQ22H-10/J/○ High Round Ø22mm	HBDGQ22M-10/L/T/Δ Mushroom Pushbutton Switch Ø22mm	HBDGQ22M-10/J/T/Δ Mushroom Pushbutton Switch Ø22mm
				
HBDGQ22F-TSA/J/S/R Emergency Stop Switch Ø22mm	HBDGQ25F-10/J/○ Flat Round Ø25mm	HBDGQ25F-10/L/○ Flat Round Ø25mm		

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

	
HBDS1-AGQ16F-□□/J/○ Flat Round Ø16mm	HBDS1-AGQ16F-□□DC/J/○/▲/Δ Flat Round Custom Pattern Light transmittable Ø16mm



										
HBDS1GQ35F-11E ■/J/▲/△ 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 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 ■/J/▲/△ Flat Round Dot Illuminated					HBDS1GQ19F-11E ■/J/▲/△ Flat Round					HBDS1GQ19F-11D ■/J/▲/△ Flat Round Dot Illuminated				
Ø19mm					Ø19mm					Ø19mm				
														
HBDS1GQ19F-11E ■/J/▲/△ Flat Round Ring Illuminated					HBDS1GQ19F-11E ■/J/▲/△ Flat Round Ring Illuminated					HBDS1GQ19H-11E ■/J/▲/△ High Round Ring Illuminated				
Ø19mm					Ø19mm					Ø19mm				
														
HBDS1GQ19F-11E ■/J/▲/△ Flat Round Ring Illuminated PowerSymbol					HBDS1GQ19F-11E ■/J/▲/△ Flat Round Ring Illuminated PowerSymbol					HBDS1GQ22F-11E ■/J/▲/△ Flat Round				
Ø19mm					Ø19mm					Ø22mm				
														
HBDS1GQ22F-11E ■/J/▲/△ High Round Ring Illuminated					HBDS1GQ22F-11E ■/J/▲/△ Flat Round					HBDS1GQ22F-11E ■/J/▲/△ High Round Ring Illuminated				
Ø22mm					Ø22mm					Ø22mm				
														
HBDS1GQ22F-11E ■/J/▲/△ High Round Ring Illuminated					HBDS1GQ22H-11E ■/J/▲/△ High Round Ring Illuminated					HBDS1GQ22H-11E ■/J/▲/△ High Round Ring Illuminated				
Ø22mm					Ø22mm					Ø22mm				
														
HBDS1GQ22F-11E ■/J/▲/△ Flat Round Ring Illuminated PowerSymbol					HBDS1GQ22F-11E ■/J/▲/△ Flat Round Ring Illuminated PowerSymbol					HBDS1GQ22F-11E ■/J/▲/△ Flat Round Ring Illuminated PowerSymbol				
Ø22mm					Ø22mm					Ø22mm				

				
HBDS1GQ25F-11E ■/L/S/ Flat Round	HBDS1GQ25F-11E ■/L/S/▲/△ High Round Ring Illuminated	HBDS1GQ25F-11ET ■/L/S/▲/△ Flat Round Ring Illuminated PowerSymbol	HBDS1GQ30F-11E ■/L/S/ Flat Round	HBDS1GQ30F-11E ■/L/S/▲/△ High Round Ring Illuminated
Ø25mm	Ø25mm	Ø25mm	Ø30mm	Ø30mm
				
HBDS1GQ30F-11ET ■/L/S/▲/△ Flat Round Ring Illuminated PowerSymbol				

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 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-□D■/J/○/▲/△ Flat Round Dot Illuminated	HBDS1-BGQ19F-□E■/J/○/▲/△ Flat Round Ring Illuminated	HBDS1-BGQ19F-□ET■/J/○/▲/△ Flat Round Ring Illuminated PowerSymbol	HBDS1-BGQ22F-□■/J/○ Flat Round	HBDS1-BGQ22F-□D■/J/○/▲/△ Flat Round Dot Illuminated
Ø19mm	Ø19mm	Ø19mm	Ø22mm	Ø22mm

				
HBDS1-BGQ22F-□E■/J/○/▲/△ Flat Round Ring Illuminated	HBDS1-BGQ22F-□ET■/J/○/▲/△ 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/●/H Selector switch Ø22mm	HBD-K20A-XB/●/H Long handle selector switch Ø22mm	HBD-K20A-Y/●/H Key switch Ø22mm	HBD-K20A-TS/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-Flat head push button with LED Ø22mm
					
HBD-K20B-High head push button Ø22mm	HBD-K20B-High head push button with LED Ø22mm	HBD-K20B-Flat head push button with ring light circle Ø22mm	HBD-K20B-Flat head push button with ring LED Ø22mm	HBD-K20B-Mushroom button Ø22mm	
					
HBD-K20B-Mushroom button with LED Ø22mm	HBD-K20B-Selector switch Ø22mm	HBD-K20B-Long handle selector switch Ø22mm	HBD-K20B-Key switch Ø22mm		
K20S Ø30mm 黄铜镀烙头部 Chromeplated brass head					
				HBD-K20S-Flat head push button Ø30mm	HBD-K20S-Flat head push button with LED Ø30mm
					
HBD-K20S-High head push button Ø30mm	HBD-K20S-High head push button with LED Ø30mm	HBD-K20S-Mushroom button Ø30mm	HBD-K20S-Mushroom button with LED Ø30mm	HBD-K20S-Selector switch Ø30mm	
					
HBD-K20S-Key switch Ø30mm	HBD-K20S-Ring illuminated flat head push button (Can be customized with various symbols) Ø30mm	HBD-K20S-Flat head push button (Can be customized with various symbols and text) Ø30mm	HBD-K20S-Flat head push button with LED (Can be customized with various symbols) Ø30mm		

K20B-Q
Metal head

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		 HB-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							



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: 2: Two position 3: Three position Selector switch and key switch action type: 1: Maintained type 3: 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



201 Series 22mm
Painted plastic head



HBDY5-KW-□D■/▲/△201 Ø22mm
Flat head push button with LED



HBDY5-KA-□TS/R/201 Ø22mm
Emergency stop switch



HBDY5-KA-□Y/●●/H/201 Ø22mm
Key switch

KB Seires 22mm
Brass head



HBDY5-KB-□M■/○/△ Ø22mm
Mushroom button



HBDY5-KB-□XB/●◆/○/H Ø22mm
Long handle selector switch



HBDY5-KB-□D■/□/▲/△/67 Ø22mm
Flat head push button with LED

KS Series 30mm
Brass head

HBDY5-KS-□D■/C/▲/△ Ø30mm
Flat head push button with LED



HBDY5-KS-□E■/C/▲/△ Ø30mm
Flat head push button with ring LED
(Various symbols can be customised)



m	HBDY5-KS-□Y/●◆/C Key switch	Ø30mm
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HBDS0								
Series Number	Mounting Hole Size	Contact Configuration	Lamp Type	Operation Type	Operating Position	Shell Material	AC/DC LED Voltage	LED Color
HBDS0	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: 2: Two position 3: Three position Selector switch and key switch action type: 1: Keep type 3: 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

HBDS0(LA38) Series Push Button Switch

φ22mm
Transient type/Slow-moving type

KA Series 22mm Plastic head				
	HBDS0-KA-□□/△ Flat head push button	HBDS0-KA-□□/△/△ Flat head push button with LED	HBDS0-KA-□□/△/△ High head push button	HBDS0-KA-□□GD/△/△ High head push button with LED
	HBDS0-KA-□□/△ Mushroom button	HBDS0-KA-□□/△/△ Mushroom button with LED	HBDS0-KA-□□MA/△/△ Mushroom button(small head 35)	HBDS0-KA-□□MC/△/△ : Mushroom button(small head 35)
	HBDS0-KA-□□/△ Selector switch	HBDS0-KA-□□/△/△ Selector switch with LED	HBDS0-KA-□□/△/△ Selector switch	HBDS0-KA-□□/△/△ Selector switch
	HBDS0-KA-□□/△ Long handle selector switch	HBDS0-KA-□□/△ Key switch	HBDS0-KA-□□TSA/R Emergency stop switch(30)	HBDS0-KA-□□TSC/R Emergency stop switch(60)
	HBDS0-KA-□□TSD/R Emergency stop switch(40)	HBDS0-KW-11S/RG Double-headed pushbuttons	HBDS0-KW-11DS/RG/△/△ Illuminated Double-headed pushbuttons	HBDS0-KA-□□H/UV White arrow Flat head push button
	HBDS0-KA-□□H/UV Black arrow Flat head push button			

Focus on Push Button Manufacturing

	HBDS0-KA-□□/UV White double arrow Flat head push button			
KW Series 22mm Painted plastic head				
	HBDS0-KW-□□/△ Flat head push button		HBDS0-KW-□□/△/△ Flat head push button with LED	
	HBDS0-KW-□□/△ High head push button		HBDS0-KW-□□GD/△/△ High head push button with LED	
	HBDS0-KW-□□MD/△/△ Mushroom button with LED		HBDS0-KW-□□SP/△/△ Flat head push button (Various symbols can be customised)	
	HBDS0-KW-□□X/△/△ Selector switch		HBDS0-KW-□□Y/△/△ Key switch	
KB Series 22mm Brass head				
	HBDS0-KB-□□/△ Flat head push button		HBDS0-KB-□□/△/△ Flat head push button with LED	
	HBDS0-KB-□□GD/△/△ High head push button		HBDS0-KB-□□F/△/△ Flat head push button with ring light circle	
	HBDS0-KB-□□MD/△/△ Mushroom button with LED		HBDS0-KB-□□X/△/△ Selector switch	
	HBDS0-KB-□□XB/△/△ Long handle selector switch		HBDS0-KB-□□Y/△/△ Key switch	

					
HBDS0GQ22F-□E/△ Flat head push button with ring LED	Ø22mm	HBDS0-KB-□D/△/67 Flat head push button with LED			
KS Series 30mm Chrome plated brass					
					
			HBDS0-KS-□□/△ Flat head push button	Ø30mm	HBDS0-KS-□SP/△ Flat head push button (Can be customised with various symbols and text)
					
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
					
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-□TS/R/201 Emergency stop switch	Ø22mm	HBDS0-KA-□X/△/201 Selector switch	Ø22mm	HBDS0-KA-□Y/△/201 Key switch	Ø22mm
HBDS0-KA-□YTS/△/201 Key switch					

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	11:1N01NC 22:2N02NC	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			Ø16mm		Ø16mm		Ø16mm
		HBDS1-AY-D/▲/△ Round Indicator		HBDS1-AF-D/▲/△ Square Pushbutton		HBDS1-AJ-D/▲/△ Rectangle Indicator	
	Ø16mm		Ø16mm		Ø16mm		Ø16mm
HBDS1-AY-□◆/▲/△ Round Pushbutton		HBDS1-AF-□◆/▲/△ Square Pushbutton		HBDS1-AJ-□◆/▲/△ Rectangle Pushbutton		HBDS1-AM-□◆/▲/△ Mushroom Pushbutton	
	Ø16mm		Ø16mm		Ø16mm		Ø16mm
HBDS1-AJ-M-□◆/▲/△ Big Rectangle Pushbutton		HBDS1-AY-□X/◆/▲/△ Round Selector Switch		HBDS1-AF-□X/◆/▲/△ Square Selector Switch		HBDS1-AJ-□X/◆/▲/△ Rectangle Selector Switch	
	Ø16mm		Ø16mm		Ø16mm		Ø16mm
HBDS1-AF-□X/◆/▲/△ Square Illuminated Selector Switch		HBDS1-AJ-□X/◆/▲/△ Rectangle Illuminated Selector Switch		HBDS1-AY-□Y/◆/▲/△ Round Key Switch		HBDS1-AF-□Y/◆/▲/△ Square Key Switch	
	Ø16mm				Ø16mm		
				HBDS1-AJ-□Y/◆/▲/△ Rectangle Key Switch			
	Ø16mm		Ø16mm		Ø16mm		Ø16mm
HBDS1-AY-M/▲ Round Buzzer		HBDS1-AY-□TS Emergency Stop Switch		HBDS1-AY-□TSA Emergency Stop Switch		HBDS1-AY-□TSC Emergency Stop Switch	
					Ø16mm		
				HBDS1-AY-□TSD Emergency Stop Switch			

					
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-CTS(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			

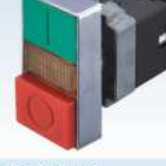
HBDY5							
Series Number	The Front Shape	Contact Configuration	Lamp Type	Variety Model	Operation Type	AC/DC LED Voltage	LED Color
HBDY5: Metal head HBDY5E: Plastic head	No letters: Round J: Double-headed push button (Flat head push button + Flat head push button) S: Double-headed push button (Flat 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-□/△ Flat Head Pushbuttons	HBDY5-□/△ Flat Head Pushbuttons with marking	HBDY5-□/△ Illuminated Flat Head Pushbuttons	HBDY5-□/△ Mushroom Head Pushbuttons	HBDY5-□/△ Mushroom Head Pushbuttons
				
HBDY5-□/△ Push-pull	HBDY5-□/△ Turn to release	HBDY5-□/△ Turn to release	HBDY5-□/△ Key release	HBDY5-□/△ Selector Switches
				
HBDY5-□/△ Long Handle Selector Switches	HBDY5-□/△ Key switches	HBDY5-□/△ Illuminated Selector Switches	HBDY5-□/△ Double-headed pushbuttons	HBDY5-□/△ Double-headed pushbuttons
				
HBDY5-□/△ Double-headed pushbuttons	HBDY5-□/△ Double-headed pushbuttons	HBDY5-□/△ Illuminated Double-headed pushbuttons	HBDY5-□/△ 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	Protective cover HBD-T11	Protective cover HBD-T11	Protective cover HBD-T11	Protective cover HBD-T12	Protective cover HBD-T12	Protective cover HBD-T12
							
	Protective cover HBD-T23	Protective cover HBD-T24	Protective cover HBD-T25	Protective cover HBD-T26	Protective cover HBD-T27	Protective cover HBD-T28	Protective cover HBD-T29

Protective cover HBD-T17								
	Protective cover HBD-T17	Protective cover HBD-T30	Protective cover HBD-T31	Protective cover HBD-T24	Protective cover HBD-T26	Protective cover HBD-T27	Protective cover HBD-T26	Protective cover HBD-T28
Warning circle								
	Warning circle HBD-T7	Warning circle HBD-T7	Warning circle HBD-T7					
Panel plug								
	Panel plug HBD-T40	Panel plug HBD-T40						
Diameter								
	Diameter changing circle	Diameter changing circle						
Other accessories								
	Symbol frame HBD-T20	Aviation plug protective cover	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	HBD-K20 series contacts HBD-K20-BE	HBDY5-K series contacts HBDY5-K-BE	HBDY5-K series contacts HBDY5-K-BE	HBD50-K series contacts HBD50-K-BE			



