










Metal Pushbuttons

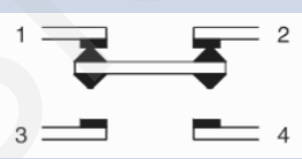
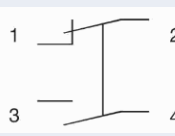
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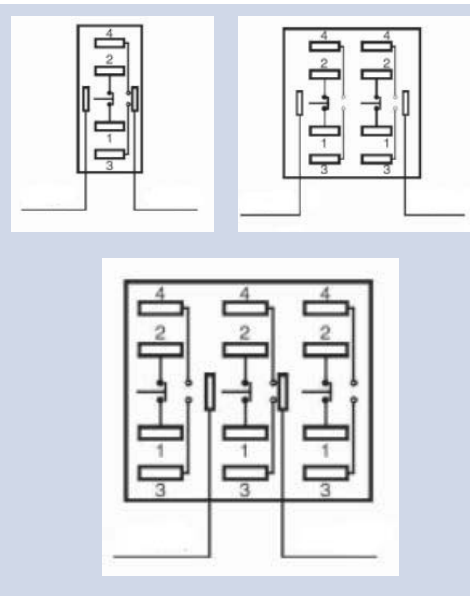
HBGQ – HBS1 19mm SERIES mounting hole : Φ 19


Order Code - Configurazione di un modello

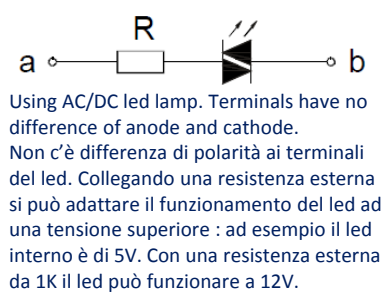
Configura un pulsante o un interruttore impiegando la seguente simbologia :

						
Fronte Front Shape	Contatti Contact configuration	Led Lamp Type	Contatti Oper. Type	Colore Led color	Volt Led Led volt.	Materiale Material
F : flat round H : H round C : concave G : H concave	11 : 1NO 1NC 22 : 2NO 2NC 33 : 3NO 3 NC S : screw terminal J : solder terminal  Action of selector and Key - lock button Azione del selettore 1 Keep 3 Full- momentary	D : dot led E : ring led  Operation position of selector and key - lock button : Posizione del selettore 2 Position 2 3 Position 3	Z : latching X : selector Y : key-lock M : buzzer SM : flash buz. No letter : Push button Pulsante	R Red G Green Y Yellow O Orange B Blue W White	6 12 24 36 110 190	N = Nickel plated brass S = Stainless S. A = Zn-Al Alloy

Description - Descrizione	Figura
Diagramm each single contact Schema elettrico (singolo contatto)	
Symbol Simbolo	
Nota : Diagramm is referred for one single contact Riferito ad ogni singolo contatto	Can be configured two sets of switches: C1 and C2 (C1 = 11 1NCNO C2 = 22 2NONC) . +/- pins are led terminals Possono essere configurati due serie di contatti, C1 singolo e C2 doppio : (C1 = 11 1NCNO C2 = 22 2NONC) I terminali +/- appartengono al diodo led.



LampType	LED lamp(AC/DC)			Lamp Circuit Diagram
LEDColor				
Life	40000hours(Reference)			
RatedVoltage	AC/DC6V	AC/DC12V	AC/DC110V	
	AC/DC24V	AC/DC36V	AC/DC220V	
RatedCurrent	About15mA		About3mA	
Dropping Way	Innerresistance		Outerresistance when using6Vlamp	



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HBS1-BGQ 19mm Series mounting hole : Φ 19

HBS1-BGQ-11S



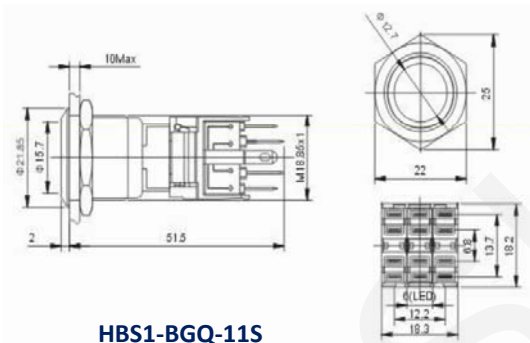
HBS1-BGQ-11ES



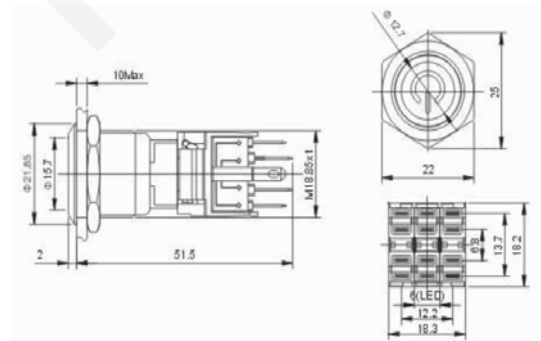
HBS1-BGQ-11DS



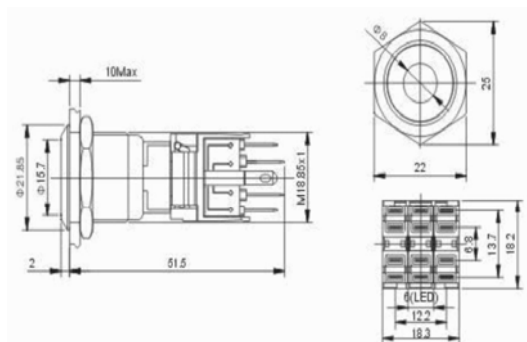
HBS1-BGQ-11ET



HBS1-BGQ-11S



HBS1-BGQ-11ET



HBS1-BGQ-11ES

Metal Pushbuttons

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HBS1-BGQ 19mm Series mounting hole : Φ 19

HBS1-BGQ11ER-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated red ▲▲

■ = op. contatti ▲ = colore ▲ = V Led ■ = conf. contatti

HBS1-BGQ11EG-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated green ▲▲

■▲▲■		HBS1-BGQ-11ER/S	HBS1-BGQ-11ER/S
Terminal Type		Pin terminal	Pin terminal
Switch Type		Momentary or Latching	Momentary or Latching
Switch Specifications		Ith : 5A/250VAC	Ith : 5A/250VAC
Contact Resistance (m Ω)		\leq 50	\leq 50
Insulation Resistance (M Ω)		\geq 1000	\geq 1000
Dielectric Strength (VAC)		2000	2000
Operating Temperature		-20°C +55°C	-20°C +55°C
Mechanical Life (times)		> 1.000.000	> 1.000.000
Torque /Nm)		5-14	5-14
Operating Pressure (N)		About 4	About 4
Operating Stroke (mm)		About 2,5	About 2,5
Protection Degree		IP67 – IK09	IP67 – IK09
Material	Contact	Silver Alloy	Silver Alloy
	Button	Stainless Steel	Stainless Steel
	Case	Stainless Steel	Stainless Steel
	Base	PBT	PBT
Lamp	Type	Led	Led
	Rated Voltage (V)	6/12/24/36/110/220	6/12/24/36/110/220
	Color	R G Y O B W	R G Y O B W

Metal Pushbuttons

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HBS1-BGQ 19mm Series mounting hole : Φ 19

HBS1-BGQ11EB-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated blue ▲▲

HBS1-BGQ11ET-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated ▲▲

■ = op. contatti ▲ = colore ▲ = V Led ■ = conf. contatti

■▲▲■		HBS1-BGQ-11EB/S	HBS1-BGQ-11ET/S Power Symbol
Terminal Type		Pin terminal	Pin terminal
Switch Type		Momentary or Latching	Momentary or Latching
Switch Specifications		Ith : 5A/250VAC	Ith : 5A/250VAC
Contact Resistance (mΩ)		≤ 50	≤ 50
Insulation Resistance (MΩ)		≥ 1000	≥ 1000
Dielectric Strength (VAC)		2000	2000
Operating Temperature		-20°C +55°C	-20°C +55°C
Mechanical Life (times)		> 1.000.000	> 1.000.000
Torque /Nm)		5-14	5-14
Operating Pressure (N)		About 4	About 4
Operating Stroke (mm)		About 2,5	About 2,5
Protection Degree		IP67 – IK09	IP67 – IK09
Material	Contact	Silver Alloy	Silver Alloy
	Button	Stainless Steel	Stainless Steel
	Case	Stainless Steel	Stainless Steel
	Base	PBT	PBT
Lamp	Type	Led	Led Power Symbol
	Rated Voltage (V)	6/12/24/36/110/220	6/12/24/36/110/220
	Color	R G Y O B W	R G Y O B W

Metal Pushbuttons

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HBS1-BGQ 19mm Series mounting hole : Φ 19

HBS1-BGQ11DB-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated blue ▲▲

HBS1-BGQ11DG-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated green ▲▲

■ = op. contatti ▲ = colore ▲ = V Led ■ = conf. contatti

■▲▲■		HBS1-BGQ-11DB/S	HBS1-BGQ-11DG/S
Terminal Type		Pin terminal	Pin terminal
Switch Type		Momentary or Latching	Momentary or Latching
Switch Specifications		Ith : 5A/250VAC	Ith : 5A/250VAC
Contact Resistance (mΩ)		≤ 50	≤ 50
Insulation Resistance (MΩ)		≥ 1000	≥ 1000
Dielectric Strength (VAC)		2000	2000
Operating Temperature		-20°C +55°C	-20°C +55°C
Mechanical Life (times)		> 1.000.000	> 1.000.000
Torque /Nm)		5-14	5-14
Operating Pressure (N)		About 4	About 4
Operating Stroke (mm)		About 2,5	About 2,5
Protection Degree		IP67 – IK09	IP67 – IK09
Material	Contact	Silver Alloy	Silver Alloy
	Button	Stainless Steel	Stainless Steel
	Case	Stainless Steel	Stainless Steel
	Base	PBT	PBT
Lamp	Type	Led	Led Power Symbol
	Rated Voltage (V)	6/12/24/36/110/220	6/12/24/36/110/220
	Color	R G Y O B W	R G Y O B W

Metal Pushbuttons

Parsic Italia

HBS1-BGQ 19mm Series mounting hole : Φ 19

HBS1-BGQ11DB-S



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■
- Operation type : Momentary - Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round Ring illuminated red ▲▲

■ = op. contatti ▲ = colore ▲ = V Led ■ = conf. contatti

HBS1-BGQ11TS



- Mounting hole size : 19mm
- Switch rating : 5A 230Vac
- Contact configuration : 1 x NONC 2 x NONC 3 x NONC ■■
- Operation type : Latching ■
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Arrow symbol

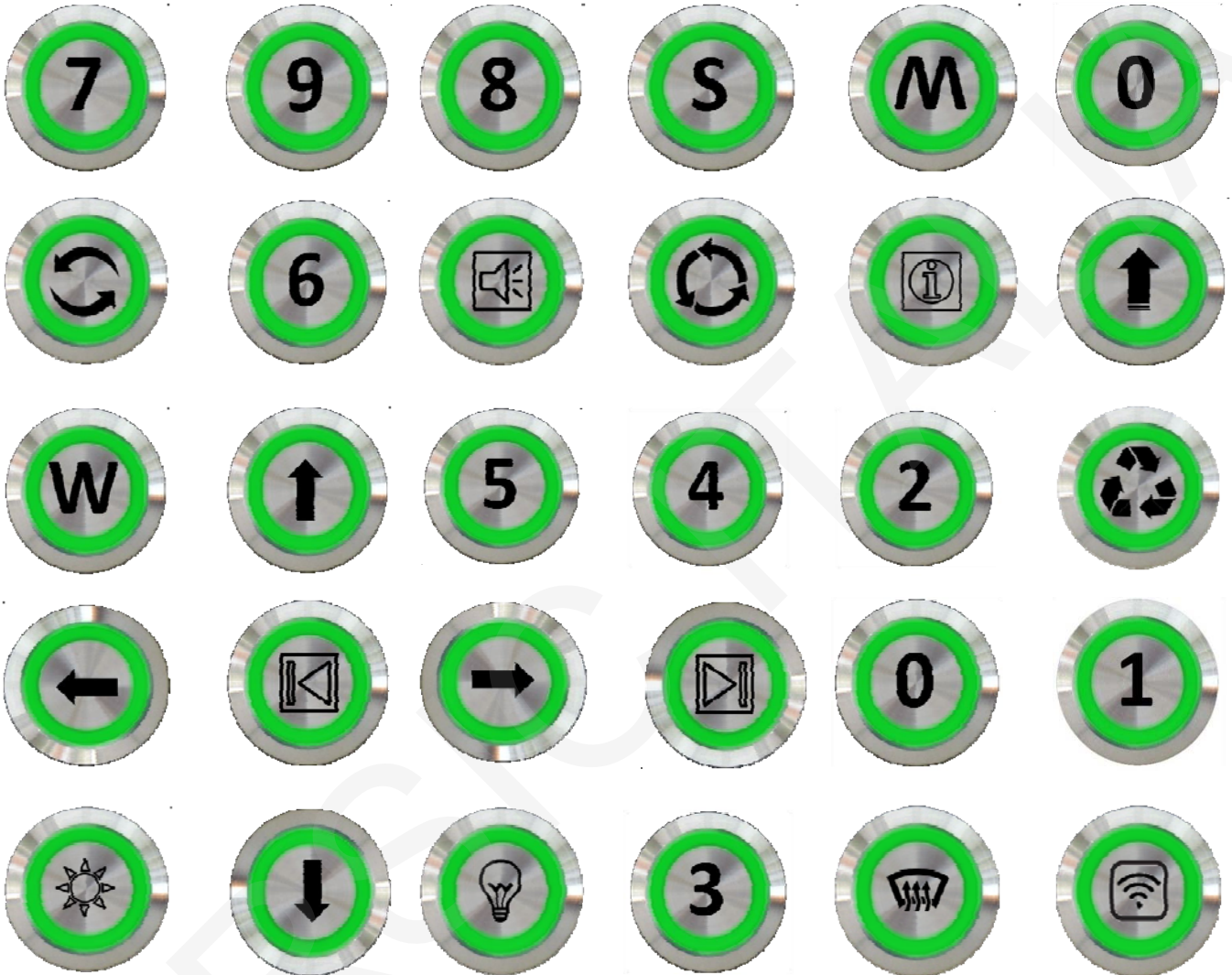
■▲▲■		HBS1-BGQ-11DR/S	HBS1-BGQ-11TS/S
Terminal Type		Pin terminal	Pin terminal
Switch Type		Momentary or Latching	Momentary or Latching
Switch Specifications		Ith : 5A/250VAC	Ith : 5A/250VAC
Contact Resistance (mΩ)		≤ 50	≤ 50
Insulation Resistance (MΩ)		≥ 1000	≥ 1000
Dielectric Strength (VAC)		2000	2000
Operating Temperature		-20°C +55°C	-20°C +55°C
Mechanical Life (times)		> 1.000.000	> 1.000.000
Torque /Nm)		5-14	5-14
Operating Pressure (N)		About 4	About 4
Operating Stroke (mm)		About 2,5	About 2,5
Protection Degree		IP67 – IK09	IP67 – IK09
Material	Contact	Silver Alloy	Silver Alloy
	Button	Stainless Steel	Stainless Steel
	Case	Stainless Steel	Stainless Steel
	Base	PBT	PBT
Lamp	Type	Led	Led Power Symbol
	Rated Voltage (V)	6/12/24/36/110/220	6/12/24/36/110/220
	Color	R G Y O B W	R G Y O B W

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HBGQ – HBS1 19mm SERIES mounting hole : Φ 19

SERIGRAFIE



Per mezzo di stampa Laser, è possibile realizzare serigrafie grafiche ed alfanumeriche, sui tasti della serie HBS1-BGQ. Le lavorazioni offrono la massima personalizzazione del proprio interruttore. All'atto dell'ordine inviare, i simboli o lettere personalizzate in formato PDF.