

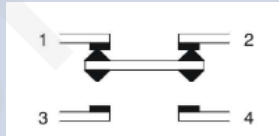
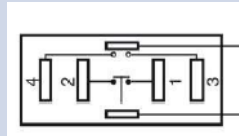

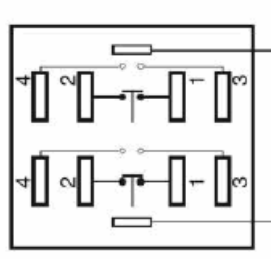




HBGQ30 SERIES mounting hole : Φ 30

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 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 36 110 220	N = Nickel plated brass S = Stainless S. A = Zn-Al Alloy

Description - Descrizione	Figura	Contatti
Diagramm each double contact Schema elettrico contatti NA NC		 11NA 11NC
Symbol Simbolo		 22NA 22NC
Nota : I contatti sono disponibili in configurazione singola 11NC 11NA O in configurazione doppia 22NC 22NA	Can be configured two sets of switches: C1 and C2 (C1 = 1-2 1NC C2 = 3-4 NO . +/- pins are led terminals Sono configurati due serie di contatti, C1 e C2 : (C1 = 1-2 1NA C2 = 3-4 1NC) I terminali +/- appartengono al diodo led.	

LampType	LED lamp(AC/DC)			Lamp Circuit Diagram	 Using AC/DC led lamp. Terminals have no difference of anode and cathode. Non c'è differenza di polarità ai terminali del led. Collegando una resistenza esterna si può adattare il funzionamento del led ad una tensione superiore : ad esempio il led interno è di 5V. Con una resistenza esterna da 1K il led può funzionare a 12V.
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		

metal push button

HBGQ30 SERIES mounting hole : Φ 30



Installation effect - Installazione: estetica pannello frontale

Esempio d' ordine

Pulsante tipo Flat 1NC 1NA pin terminal 3mm

HBGQ30-11S

Pulsante tipo DOT LED 2NC 2NA pin terminal 3mm:

HBGQ30-22D/S

Pulsante tipo RING LED 1NA 1NC pin terminal 3mm:

HBGQ30-11E/S



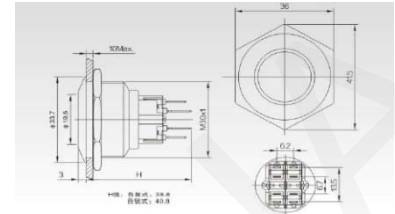
Profilo installazione pulsanti serie HBGQ30 - xx

HBGQ30 -11 SERIES mounting hole : Φ 30

HBGQ30-11S ©



- Mounting hole size : 30mm
- Switch rating : 5A 250 Vac
- Contact configuration : 1 x NO 1 x NA
- Operation type : Momentary
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Domed



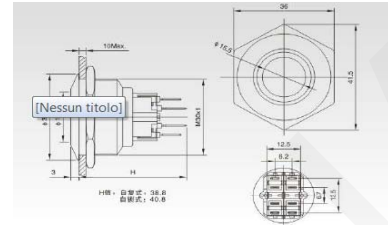
	HBGQ30S-11/S	HBGQ30-11Z	Material
Terminal Type	Pin Terminal	Pin Terminal	
Switch type	Momentary	Latch	
Switch specifications	5A-250Vac	5A-250Vac	
Contact Resistance (mΩ)	≤ 50	≤ 50	
Insulation Resistance (MΩ)	≥ 1000	≥ 1000	
Dielectric Strength (VAC)	2000	2000	
Operating Temperature	-20°C ~ +55°C	-20°C ~ +55°C	
Mechanical Life (times)	> 1.000.000	> 1.000.000	
Electrical Life (times)	> 200.000	> 200.000	
Panel Thickness (mm)	1 ~ 10	1 ~ 10	
Torque (Nm)	5 ~ 14	5 ~ 14	
Operating Pressure (N)	5,5-7N	5,5 -7N	
Operating Stroke (mm)	about 2,8	about 2,8	
Protection Degree	IP65, IK10	IP65, IK10	
Contact	Silver Alloy	Silver Alloy	
Button	Stainless steel		
Case	Stainless steel		
Base	PA	PA	

HBGQ30 -11 SERIES mounting hole : Φ 30

HBGQ30-11E ©



- Mounting hole size : 30mm
- Switch rating : 5A 250 Vac
- Contact configuration : 1 x NO 1 x NA
- Operation type : Momentary
- The crust material : Stainless steel
- Protection degree : IP65 IK09
- Flat round RING illumination



	HBGQ30S-11E/S	HBGQ30-11EZ/S	
Terminal Type	Pin Terminal	Pin Terminal	
Switch type	Momentary	Latch	
Switch specifications	5A-250Vac	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	
Electrical Life (times)	> 200.000	> 200.000	
Panel Thickness (mm)	1 ~ 10	1 ~ 10	
Torque (Nm)	5 ~ 14	5 ~ 14	
Operating Pressure (N)	5,5-7N	5,5 -7N	
Operating Stroke (mm)	about 2,8	about 2,8	
Protection Degree	IP65, IK10	IP65, IK10	
Contact	Silver Alloy	Silver Alloy	
Button	Stainless steel		Material
Case	Stainless steel		
Base	PBT	PBT	
Type	Ring illuminated LED	Ring illuminated LED	Lamp Parameter
Rated Voltage (Vac-dc)		6/12/24/110/220	
Color	R G Y O B W	R G Y O B W	
Life	50000 hours	50000 hours	