# ZB5FG6D

Head for key selector switch, Harmony XB5, flush mounted 8D1 2 pos return right to left



Main	
Range of Product	Harmony XB5
Product or Component Type	Head for key selector switch
Device short name	ZB5
Bezel material	Dark grey plastic
Mounting diameter	1.18 in (30 mm)
Head type	Built-in-flush
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Right to left spring return
Operator profile	Black key switch
Operator position information	2 positions 90°
Type of Keylock	Dom 8D1
Key withdrawal position	Left

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CAD overall width	1.46 in (37 mm)
CAD overall height	1.46 in (37 mm)
CAD overall depth	2.83 in (72 mm)
Net Weight	0.15 lb(US) (0.069 kg)
Mechanical durability	1000000 cycles
Electrical composition code	C4 6 single and double front mounting C5 5 single front mounting C6 5 single and double front mounting C7 4 single front mounting C8 4 single and double front mounting C11 3 single front mounting C3 6 single front mounting SF1 3 single front mounting C15 1 single front mounting

#### **Environment**

Protective treatment	TH	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)	
Overvoltage category	Class II IEC 60536	
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K	
NEMA degree of protection	NEMA 13 NEMA 4X	
Resistance to high pressure washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m	
IK degree of protection	IK03 IEC 50102	

Standards	EN/IEC 60947-1	
	UL 508	
	EN/IEC 60947-5-4	
	EN/IEC 60947-5-1	
	JIS C8201-5-1	
	CSA C22.2 No 14	
	JIS C8201-1	
Product Certifications	CSA	
	LROS (Lloyds register of shipping)	
	DNV	
	GL	
	UL Listed	
	BV	
Vibration resistance	5 gn 2500 Hz)IEC 60068-2-6	
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27	
	50 gn 11 ms) half sine wave acceleration IEC 60068-2-27	

#### Ordering and shipping details

Category	22467-PUSHBUTTONS,22MM(PLASTIC) NEW	22467-PUSHBUTTONS,22MM(PLASTIC) NEW	
Discount Schedule	CS2		
GTIN	3606481340214		
Nbr. of units in pkg.	1		
Package weight(Lbs)	2.57 oz (73.0 g)		
Returnability	No		
Country of origin	FR		

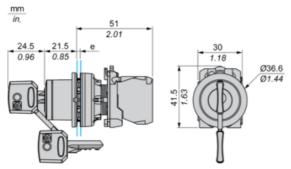
#### **Packing Units**

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Unit Type of Package 1	PCE
Package 1 Height	3.39 in (8.6 cm)
Package 1 width	1.69 in (4.3 cm)
Package 1 Length	2.05 in (5.2 cm)
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	2.57 oz (73 g)
Package 2 Height	3.39 in (8.6 cm)
Package 2 width	1.69 in (4.3 cm)
Package 2 Length	2.05 in (5.2 cm)

#### Offer Sustainability

Sustainable offer status	Green Premium product		
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov		
REACh Regulation	REACh Declaration		
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS  Declaration		
Mercury free	Yes		
RoHS exemption information	₫Yes		
China RoHS Regulation	☑ China RoHS Declaration		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	☑ End Of Life Information		

#### **Dimensions**

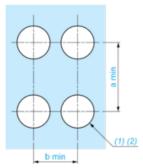


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

#### Connection by Screw Clamp Terminals or Plug-in Connectors



(1) Diameter on finished panel or support

(2) Ø30.75 mm recommended (Ø30.5  $_0$   $^{+0.5}$ ) / Ø1.21 in. recommended (Ø1.20 in.  $_0$   $^{+0.0196}$ )

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

# Product data sheet Technical Description

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Flactuical Commonition Common and institut Code C2
Electrical Composition Corresponding to Code C3
Electrical Composition Corresponding to Code C4
Electrical Composition Corresponding to Code C5
Electrical Composition Corresponding to Code Co
Electrical Composition Corresponding to Code C6
Electrical Composition Corresponding to Code C7

Electrical Composition Corresponding to Code C8
Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1
Electrical Composition Corresponding to Code C15
1 N/O
1 N/C
1 N/O + N/C or 1 N/O + N/O or 1 N/C + N/C
Legend
Single contact
Double contact
Light block
Possible location

# Sequence of Contacts Fitted to 2-position Selector Switch Body

### Position 315°



Push	Position	Тор			
Bottom		Δ	Δ		
Location		Left	Centre	Right	
State		0	0	0	
Contacts	N/O		open	open	open
N/C	•	closed	closed	closed	

#### Position 45°



Push	Position	Тор		•	
Bottom					
Location		Left	Centre	Right	
State		1	1	1	
Contacts	N/O		closed	closed	closed
N/C	'	open	open	open	