Specifications





Head for key selector switch, Harmony XB5, flush mounted 455 3 pos return right to center

ZB5FG05

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	30.5 mm				
Head Type	Built-in-flush				
Sale Per Indivisible Quantity	1				
Shape Of Signaling Unit Head	Round				
Type Of Operator	Right to centre spring return				
Operator Profile	Black key switch				
Operator Position Information	3 positions +/- 45°				
Type Of Keylock	Key 455				
Key Withdrawal Position	Left and center				

Complementary

Cad Overall Width	37 mm			
Cad Overall Height	37 mm			
Cad Overall Depth	72 mm			
Net Weight 0.069 kg				
Mechanical Durability	1000000 cycles			
Electrical Composition Code	C4 for <6 contacts using single and double blocks in front mounting C5 for <5 contacts using single blocks in front mounting C6 for <5 contacts using single and double blocks in front mounting C7 for <4 contacts using single blocks in front mounting C8 for <4 contacts using single and double blocks in front mounting C11 for <3 contacts using single blocks in front mounting C3 for <6 contacts using single blocks in front mounting SF1 for <3 contacts using single blocks in front mounting			

Environment

Protective Treatment	ТН
Ambient Air Temperature For Storage	-4070 °C
Ambient Air Temperature For Operation	-4070 °C
Overvoltage Category	Class II conforming to IEC 60536

Ip Degree Of Protection	IP66 conforming to IEC 60529			
	IP67			
	IP69			
	IP69K			
Nema Degree Of Protection	NEMA 13			
	NEMA 4X			
Resistance To High Pressure 7000000 Pa at 55 °C, distance : 0.1 m Washer 7000000 Pa at 55 °C, distance : 0.1 m				
Ik Degree Of Protection	IK03 conforming to IEC 50102			
Standards	EN/IEC 60947-1			
	JIS C8201-5-1			
	EN/IEC 60947-5-4			
	CSA C22.2 No 14			
	EN/IEC 60947-5-1			
	UL 508			
	JIS C8201-1			
Product Certifications	DNV			
	GL			
	LROS (Lloyds register of shipping)			
	UL listed			
	CSA			
	BV			
Vibration Resistance	5 gn (f= 2500 Hz) conforming to IEC 60068-2-6			
Shock Resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27			
	50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27			

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.6 cm
Package 1 Width	4.3 cm
Package 1 Length	5.2 cm
Package 1 Weight	63.0 g

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

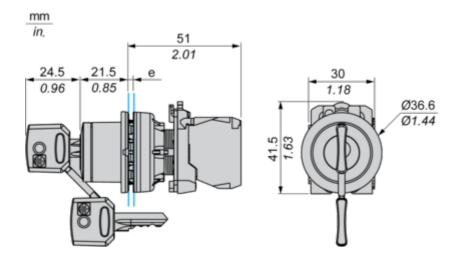
Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)		
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	End of Life Information		

Dimensions Drawings

Dimensions

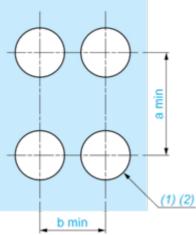


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

Mounting and Clearance

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

Connection by Screw Clamp Terminals or Plug-in Connectors

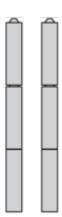


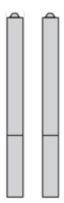
(1) Diameter on finished panel or support

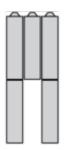
(2) Ø30.75 mm recommended (Ø30.5 $_{0}^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_{0}^{+0.0196}$)

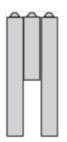
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

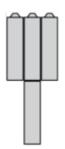
Technical Description

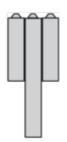












Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1



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°



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

Position 45°



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