ZB5FG6C0
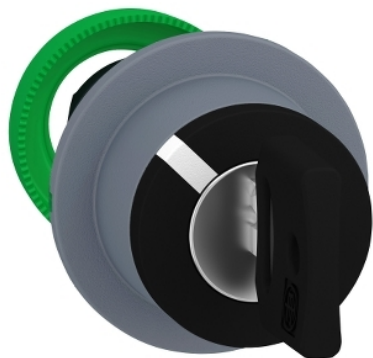
Flush mounted key switch selector head, Harmony XB5, plastic, black, 22mm, key 455, 2 positions, spring return right to left, grey bezel

Main

Range of product	Harmony XB5
Product or component type	Head for key selector switch
Device short name	ZB5
Bezel material	Plastic colour plated grey
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 left spring return
Operator profile	Black key switch
Operator position information	2 positions 90°
Type of keylock	Key 455
Key withdrawal position	Left

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
	C15 for <1 contacts using single blocks in front mounting

Environment

Protective treatment	TH
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529
	IP67
NEMA degree of protection	NEMA 13
	NEMA 4X
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
IK degree of protection	IK03 conforming to IEC 50102
Standards	UL 508
	IEC 60947-5-4
	JIS C8201-5-1
	IEC 60947-1
	CSA C22.2 No 14
	IEC 60947-5-1
	JIS C8201-1

| Product certifications	UL listed[RETURN]CSA[RETURN]GL[RETURN]BV[RETURN]LROS (Lloyds register of shipping)[RETURN]DNV
Vibration resistance	5 gn (f= 2…500 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

Offer Sustainability

| REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes

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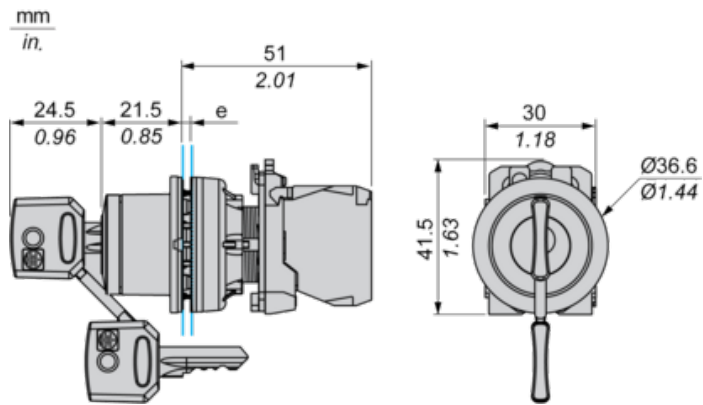
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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

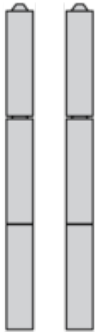### Connection by Screw Clamp Terminals or Plug-in Connectors
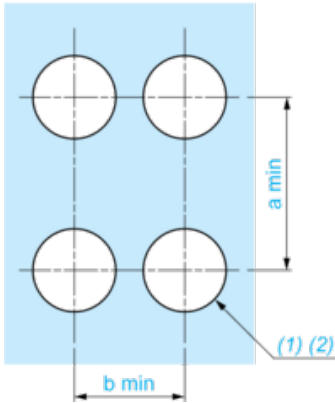
(1) Diameter on finished panel or support

(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

Electrical Composition Corresponding to Code C3

Electrical Composition Corresponding to Code C4

Electrical Composition Corresponding to Code C5
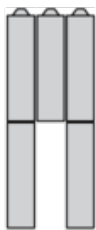
Electrical Composition Corresponding to Code C6

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

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Light block

Possible location

Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°

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

Position 45°

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