ZB5FK1233

Head for illuminated selector switch, Harmony XB5, flush mounted green 2 pos stay put

Green
Premium™
Product

Main

Range of product	Harmony XB5
Product or component type	Head for illuminated selector switch
Product compatibility	Integral LED
Device short name	ZB5
Bezel material	Dark grey plastic
Mounting diameter	30 mm
Head type	Built-in-flush
Sale per indivisible quantity	1
Shape of signaling unit head	Round
Type of operator	Stay put
Operator profile	Green standard handle
Operator position information	2 positions 90°

Complementary

CAD overall width	37 mm
CAD overall height	37 mm
CAD overall depth	46 mm
Net weight	0.03 kg
Mechanical durability	1000000 cycles
Electrical composition code	M3 for <4 contacts using single blocks in front mounting with integral LED M6 for <2 contacts using single blocks in front mounting with integral LED and transformer M10 for <2 contacts using single blocks in front mounting with integral LED MF1 for <2 contacts using single blocks in front mounting with integral LED M4 for <4 contacts using single and double blocks in front mounting with integral LED
Device presentation	Basic element

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 IP69 IP69K
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

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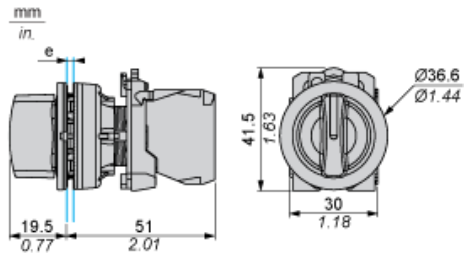|	
Standards	EN/IEC 60947-1 EN/IEC 60947-5-5 UL 508 JIS C8201-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-1
Product certifications	LROS (Lloyds register of shipping) GL RINA UL listed CSA DNV BV
Vibration resistance	5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 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 Weight	22 g
Package 1 Height	5.45 cm
Package 1 width	4.3 cm
Package 1 Length	5.2 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

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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)

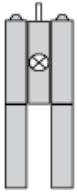### Connection by Screw Clamp Terminals or Plug-in Connectors
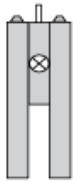

(1) Diameter on finished panel or support

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

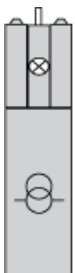| Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

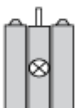### Electrical Composition Corresponding to Code M3

Electrical Composition Corresponding to Code M4

Electrical Composition Corresponding to Codes M6 and P2

Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2

Legend

Single contact

Double contact

Light block

Possible location

Sequence of Contacts Fitted to 2-position Selector Switch Body

Position 315°

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

Position 45°

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