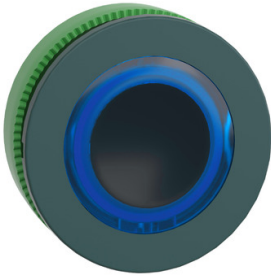


Product datasheet

Specifications



flush mounted blue flush caps illuminated pushbutton head for integral LED ring

ZB5FW963

Main

Range of product	Harmony XB5
Product or component type	Head for illuminated push-button
Device short name	ZB5
Product compatibility	Universal LED
Bezel material	Dark grey plastic
Mounting diameter	30.5 mm
Sale per indivisible quantity	1
Head type	Built-in-flush
Shape of signaling unit head	Round
Type of operator	spring return
Operator profile	Blue flush, unmarked
Operator additional information	With illuminated ring

Complementary

CAD overall width	37 mm
CAD overall height	37 mm
CAD overall depth	30 mm
Product weight	0.017 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, distance : 0.1 m
Mechanical durability	10000000 cycles
Main group	Illum push-button
Group of product	Flush push with ring illum LED
Cap/operator or lens colour	Blue
Marking	Unmarked
Electrical composition code	M1 for <6 contacts using single blocks in front mounting with integral LED M2 for <6 contacts using single and double 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

Environment

Protective treatment	TC
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
IK degree of protection	IK03 conforming to EN 50102
Standards	CSA C22.2 No 14 GB 14048.5 EN/IEC 60947-1 EN/IEC 60947-5-4 JIS C8201-5-1 UL 508 EN/IEC 60947-5-1 JIS C8201-1
Product certifications	BV LROS (Lloyds register of shipping) CSA DNV UL listed GL
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	5.33 cm
Package 1 Width	4.57 cm
Package 1 Length	5.33 cm
Package 1 Weight	0.02 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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 >](#)

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

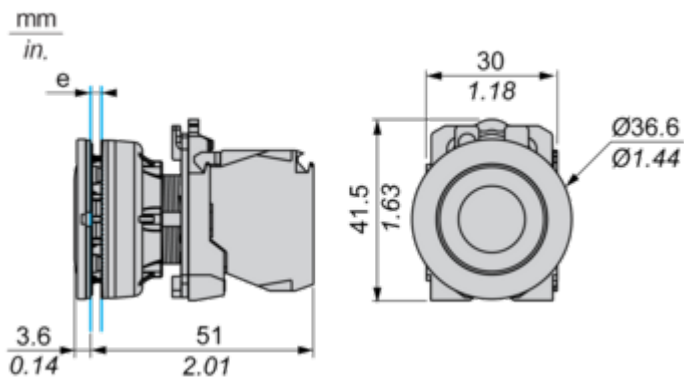
Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Dimensions Drawings

Dimensions

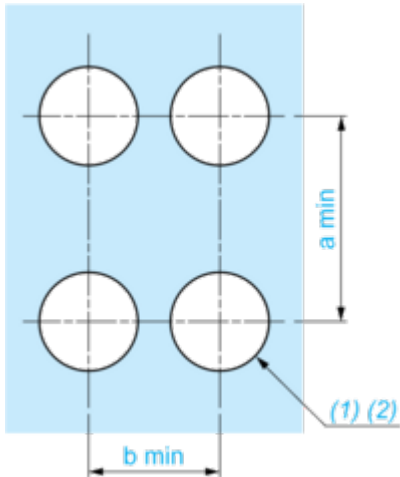


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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) $\varnothing 30.75$ mm recommended ($\varnothing 30.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$) / $\varnothing 1.21$ in. recommended ($\varnothing 1.20$ in. $\begin{smallmatrix} +0.0196 \\ 0 \end{smallmatrix}$)

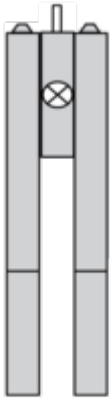
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Technical Description

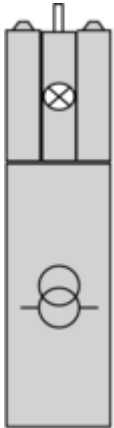
Electrical Composition Corresponding to Codes M1 and M7



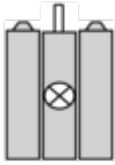
Electrical Composition Corresponding to Codes M2 and M8



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

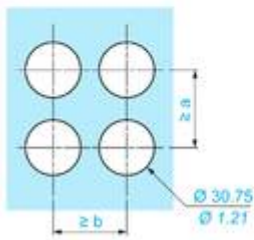
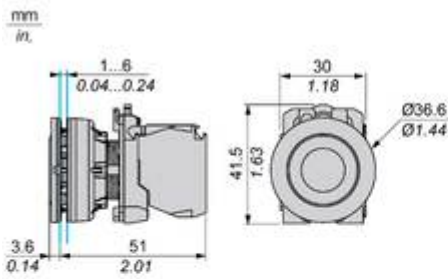


Possible location



Technical Illustration

Dimensions






	a (mm)	a (in.)	b (mm)	b (in.)
 ZBE..... ZBV.....	40	1.57	40	1.57
 ZBE.....3 ZBV.....3	45	1.77	40	1.57
 ZBE.....4 ZBV.....4	40	1.57	40	1.57

Image of product / Alternate images

Alternative

