Product data sheet

Specifications

Head for illuminated push button, Harmony XB5, yellow, 30mm, universal LED, plain lens

ZB5FW383

Product availability: Non-Stock - Not normally stocked in distribution facility
Important message: A change in appearance may be noted on the product but does not affect its use in terms of function and safety. This makes it compatible with our Universal LED blocks

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	1.2 in (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	Yellow flush, unmarked
Operator additional information	With plain lens

Complementary

CAD overall width	1.5 in (37 mm)
CAD overall height	1.5 in (37 mm)
CAD overall depth	1.2 in (30 mm)
Product Weight	0.037 lb(US) (0.017 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Mechanical durability	10000000 cycles
Cap/operator or lens colour	Yellow
Marking	Unmarked
Electrical composition code	M1 6 single front mounting integral LED M2 6 single and double front mounting integral LED M6 2 single front mounting integral LED and transformer M10 2 single front mounting integral LED MF1 2 single front mounting integral LED

Environment

Protective treatment	TC
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature for Operation	-40…158 °F (-40…70 °C)
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K
Enclosure Type	UL type 4X/13
IK degree of protection	IK03 conforming to IEC 62262
Standards	IEC 60947-1 GB 14048.5 IEC 60947-5-1 CSA C22.2 No 14 JIS C8201-5-1 UL 508 IEC 60947-5-4 JIS C8201-1 ISO 21702 ISO 22196:2011
Product Certifications	CSA DNV BV LROS (Lloyds register of shipping) UL Listed
Vibration resistance	5 gn (f= 2…500 Hz) conforming to 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	US10CS222467
Discount Schedule	0CS2
GTIN	3606481339751
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.7 in (4.3 cm)
Package 1 Width	2.05 in (5.2 cm)
Package 1 Length	2.2 in (5.6 cm)
Package weight(Lbs)	0.8 oz (23.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	5.9 in (15.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	2.780 lb(US) (1.261 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**0.2 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.1 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**

Use Better

Materials and Substances

Average percentage of recycled plastic content	**16 %**
Average percentage of recycled metal content	**29 %**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	Compliant
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

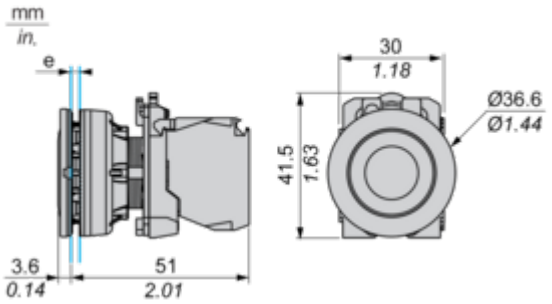
Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	**No**

Dimensions Drawings

Dimensions

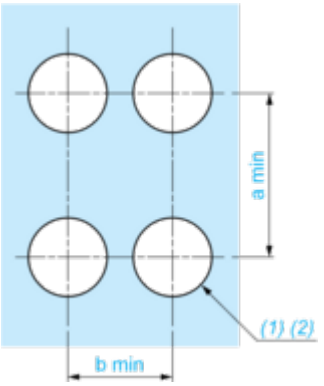


e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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



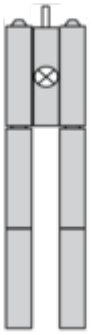
(1) Diameter on finished panel or support

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

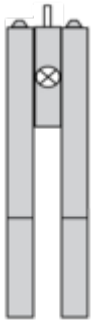
Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Technical Description

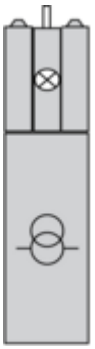
Electrical Composition Corresponding to Codes M1 and M7



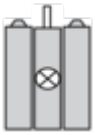
Electrical Composition Corresponding to Codes M2 and M8



Electrical Composition Corresponding to Codes M6 and P2



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



Legend

Single contact

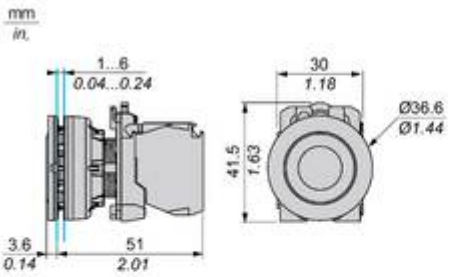
Double contact

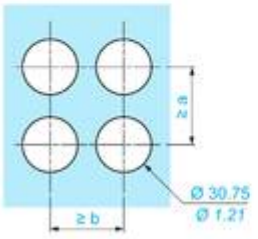
Light block

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*

Offer Marketing Illustration

Product benefits / Features

Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative

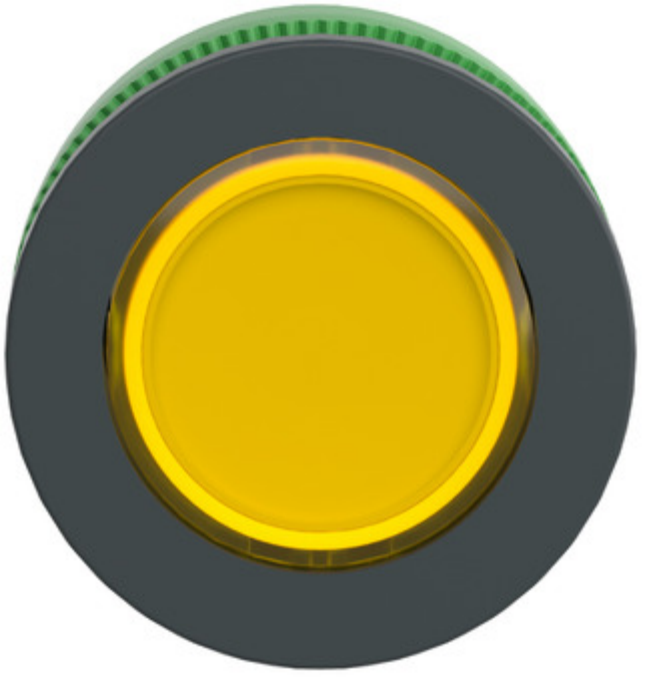


Image of product in real life situation