Product data sheet

Specifications

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

ZB5FW353

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	Orange 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	Orange
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
Device presentation	Basic element

Environment

Protective treatment	TC

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 Storage	-40…158 °F (-40…70 °C)
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
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 62262
Standards	UL 508 JIS C8201-5-1 IEC 60947-5-4 CSA C22.2 No 14 GB 14048.5 IEC 60947-5-1 IEC 60947-1 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	3606481339690
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.20 in (5.6 cm)
Package 1 Width	1.69 in (4.3 cm)
Package 1 Length	2.05 in (5.2 cm)
Package weight(Lbs)	0.8 oz (23 g)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	2.762 lb(US) (1.253 kg)

Life Is On | Schneider Electric

🔆 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

Carbon footprint (kg CO2 eq, Total Life cycle)	**1**
Environmental Disclosure	**Product Environmental Profile**

Use Better

🗇 Materials and Substances

|	
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
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 Again

↺ Repack and remanufacture

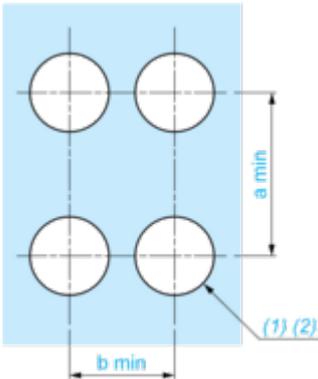|	
Circularity Profile	**End of Life Information**
Take-back	**No**

Dimensions Drawings

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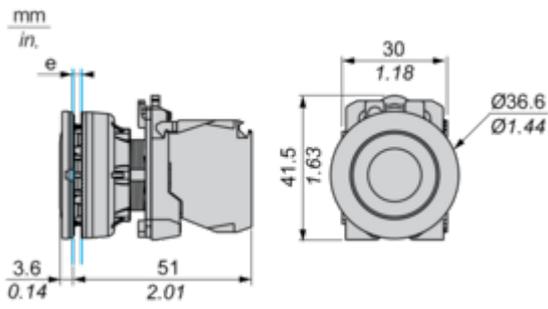
e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

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 $_0^{+0.5}$) / Ø1.21 in. recommended (Ø1.20 in. $_0^{+0.0196}$)

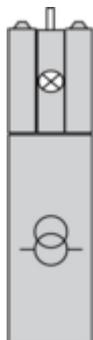| Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	40	1.57
By Faston connectors	45	1.77	40	1.57

Technical Description

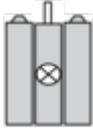**Electrical Composition Corresponding to Codes M1 and M7**
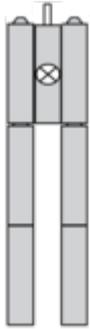
Electrical Composition Corresponding to Codes M2 and M8
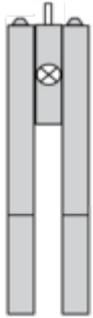
Electrical Composition Corresponding to Codes M6 and P2

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

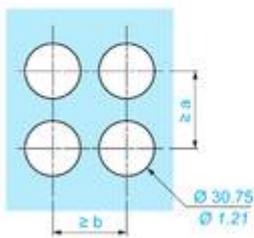## Legend
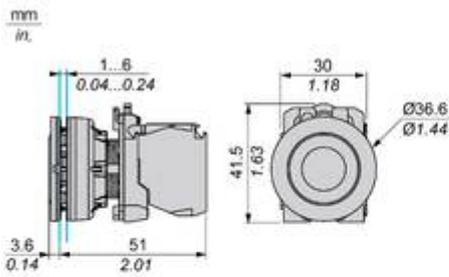
Single contact

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

Technical Benefits
Harmony XB5

Conformity with IEC, UL, CSA, CCC EAC, and JIS standards, as well as CE marking and marine approvals

Up to IP66, 67, 69, 69K, and type 4X protection ratings

High vibration resistance with shake-proof terminal screws

Operating temperature from -40°C –to 70°C

Shock protection level up to IK06

Secure switching of inductive or heavy DC loads directly – 100 000 operations at 10A, 24V dc

Offer Marketing Illustration

Product benefits / Features

Features
Harmony XB5

Quick and easy assembly and disassembly

Excellent mechanical connection with operator head

Various types of connection: screw clamp, connector, Faston connector, spring terminal, or printed circuit board

Large set of accessories to customize your panels

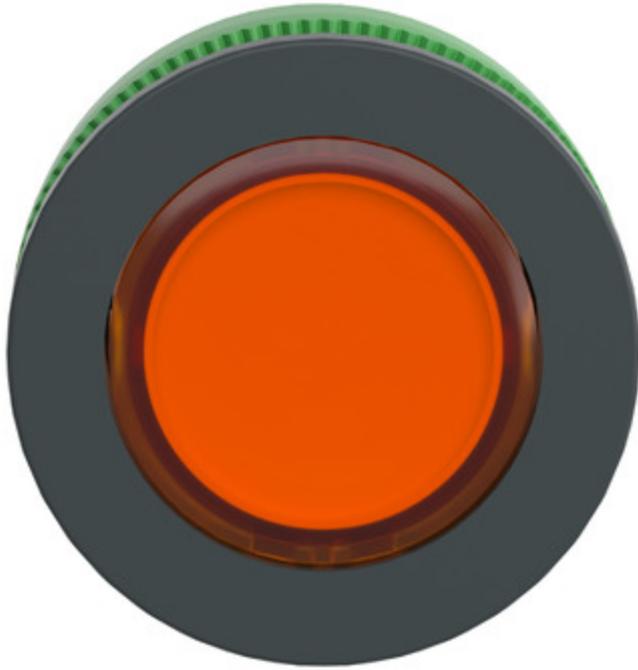Robustness to withstand harsh environments

Image of product / Alternate images

Alternative

Image of product in real life situation