Product data sheet

Specifications

Head for selector switch, Harmony XB5, flush mounted blue 3 pos stay put

ZB5FD306

Main

Range Of Product	Harmony XB5
Product Or Component Type	Head for selector switch
Device Short Name	ZB5
Bezel Material	Dark grey plastic
Mounting Diameter	30.5 mm
Head Type	Built-in-flush
Sale Per Indivisible Quantity	1
Shape Of Signaling Unit Head	Round
Type Of Operator	stay put
Operator Profile	Blue standard handle
Operator Position Information	3 positions +/- 45°

Complementary

Cad Overall Width	37 mm
Cad Overall Height	37 mm
Cad Overall Depth	46 mm
Net Weight	0.031 kg
Mechanical Durability	1000000 cycles
Electrical Composition Code	C3 for <6 contacts using single blocks in front mounting 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 SF1 for <3 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 conforming to IEC 60529 IP69K IP69

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	EN/IEC 60947-5-4
	JIS C8201-5-1
	UL 508
	EN/IEC 60947-5-1
	CSA C22.2 No 14
	EN/IEC 60947-1
	JIS C8201-1

Product Certifications	BV
	DNV
	UL listed
	LROS (Lloyds register of shipping)
	CSA
	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	4.32 cm
Package 1 Length	5.59 cm
Package 1 Weight	0.03 kg

Sustainability

Green Premium^{TM} 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-CO_2 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 ⟩

Transparency   RoHS/REACh

Well-being performance

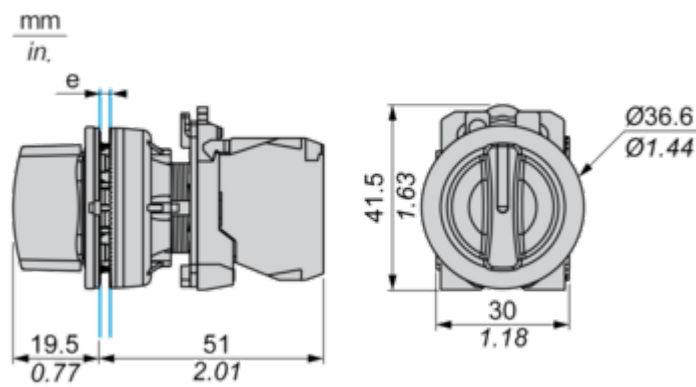✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

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

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information

California Proposition 65   WARNING: This product can expose you to chemicals including: 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

Dimensions Drawings
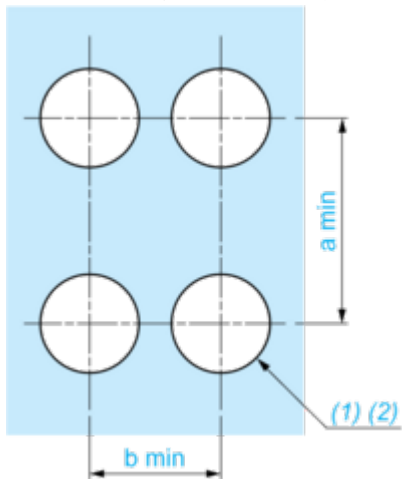
Dimensions

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

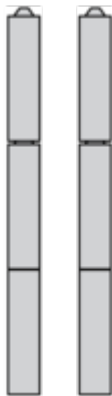(1) (2)

(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

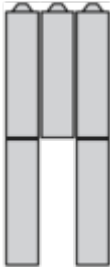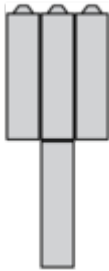**Electrical Composition Corresponding to Code C3**

Apr 26, 2024

Electrical Composition Corresponding to Code C4

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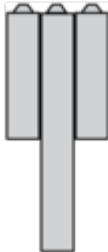
Electrical Composition Corresponding to Code C6

Electrical Composition Corresponding to Code C7

Life Is On | Schneider Electric

Electrical Composition Corresponding to Code C8

Electrical Composition Corresponding to Codes C9, C11, SF1 and SR1

Apr 26, 2024

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

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