

Main

Range of product	Harmony XB5
Product or component type	Complete manual overload reset push-button
Device short name	XB5
Bezel material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 mm
Shape of signaling unit head	Round
Operator profile	Red projecting, white O
Activating distance	17...120 mm

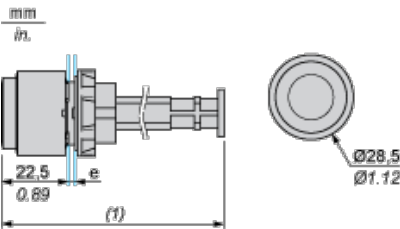
Complementary

Height	29 mm
Width	29 mm
Depth	120 mm
Product weight	0.027 kg
Resistance to high pressure washer	7000000 Pa at 55 °C,distance: 0.1 m
Operating travel	10 mm
Customizable	No

Environment

protective treatment	TH
ambient air temperature for storage	-40...70 °C
ambient air temperature for operation	-40...70 °C
electrical shock protection class	Class II conforming to IEC 60536
IP degree of protection	IP66 conforming to IEC 60529
NEMA degree of protection	NEMA 4X
IK degree of protection	IK03 conforming to IEC 50102
standards	EN/IEC 60947-1
product certifications	UL listed

Dimensions



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

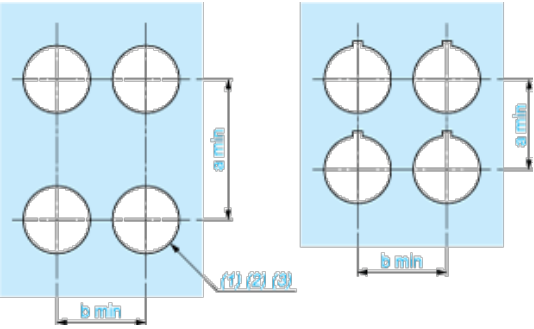
(1) Actuation distance: see table below

	Actuation distance in mm	Actuation distance in in.

XB5AL801	41 to 150	1.61 to 5.91
XB5AL802	150 to 260	5.91 to 10.24

Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

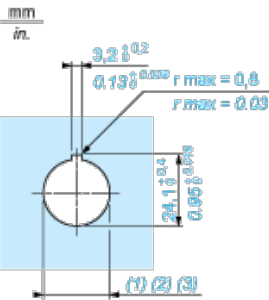
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ($\text{Ø}22.3^{+0.4}_0$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in.}^{+0.016}_0$)

Connections	a in mm	a in in.	b in mm	b in in.
By screw clamp terminals or plug-in connector	40	1.57	30	1.18
By Faston connectors	45	1.77	32	1.26
On printed circuit board	30	1.18	30	1.18

Detail of Lug Recess



- (1) Diameter on finished panel or support
- (2) For selector switches and Emergency stop buttons, use of an anti-rotation plate type ZB5AZ902 is recommended.
- (3) Ø22.5 mm recommended ($\text{Ø}22.3^{+0.4}_0$) / Ø0.89 in. recommended ($\text{Ø}0.88 \text{ in.}^{+0.016}_0$)