

XB5AA86102

blue flush reset pushbutton Ø22 marked R for
17...120 mm actuation distance



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 |
| Mounting diameter | 22 mm |
| Shape of signaling unit head | Round |
| Operator profile | Blue flush, white R |
| 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 |

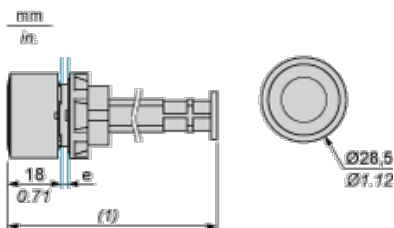
Environment

| | |
|--|----------------------------------|
| protective treatment | TH |
| ambient air temperature for storage | -40...70 °C |
| ambient air temperature for operation | -40...70 °C |
| class of protection against electric shock | 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 |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions



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

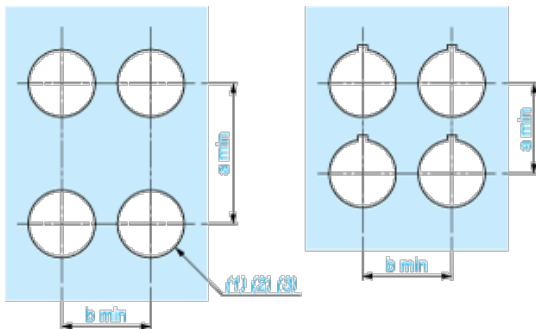
(1) Actuation distance: see table below

| | Actuation distance in mm | Actuation distance in in. |
|----------|--------------------------|---------------------------|
| XB5AA801 | 36 to 145 | 1.42 to 5.71 |

| | | |
|----------|------------|---------------|
| XB5AA802 | 145 to 255 | 5.71 to 10.04 |
|----------|------------|---------------|

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

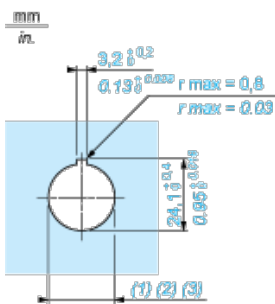
Connection by Screw Clamp Terminals or Plug-in Connectors or on Printed Circuit Board



- (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) $\text{Ø}22.5 \text{ mm}$ recommended ($\text{Ø}22.3 \text{ }_0^{+0.4}$) / $\text{Ø}0.89 \text{ in.}$ recommended ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)

| 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) $\text{Ø}22.5 \text{ mm}$ recommended ($\text{Ø}22.3 \text{ }_0^{+0.4}$) / $\text{Ø}0.89 \text{ in.}$ recommended ($\text{Ø}0.88 \text{ in. }_0^{+0.016}$)