

PB-BX1-22

IP65 Push Button Enclosure (22 mm, Single Hole)

Brand: Swan Electronics

Product Type: Push Button Enclosure

Mounting: Surface Mount

Ingress Protection: IP65

Color: Yellow

1. General Description

The PB-BX1-22 is a robust IP65-rated push button enclosure designed to house a single 22 mm control device such as a push button, selector switch, or indicator. Manufactured from durable ABS plastic, the enclosure provides reliable protection against dust ingress and water jets, making it suitable for industrial control panels, machinery interfaces, and outdoor or wash-down environments.

2. Key Features

- Single-hole enclosure for 22 mm control devices
- High-impact ABS plastic housing
- IP65-rated protection against dust and water
- Pre-molded mounting points for easy installation
- Compact and ergonomic design
- High-visibility yellow finish
- Suitable for industrial and commercial environments

3. Mechanical Specifications

Parameter	Specification
Part Number	PB-BX1-22
Number of Holes	1
Mounting Hole Diameter	22 mm
Material	ABS Plastic
Color	Yellow
Ingress Protection	IP65
Overall Dimensions (L x W x H)	Approx. 71 x 77 x 75 mm
Mounting Method	Surface Mount

4. Environmental Specifications

Parameter	Rating
Operating Temperature	-25 °C to +60 °C
Storage Temperature	-30 °C to +80 °C
Ingress Protection	IP65 (IEC 60529)

5. Typical Applications

- Industrial control stations
- Machinery start/stop panels
- Emergency and safety controls
- Automation systems
- Outdoor electrical enclosures

6. Compliance & Standards

- IP65 protection in accordance with IEC 60529
- RoHS compliant materials

Note: Push buttons, selector switches, and contact blocks are not included with the enclosure. Specifications are subject to change without notice. Always verify compatibility with selected 22 mm control devices prior to installation.