



The ASI080EU90-P2 Push Button Enclosure is a durable 90x90 mm and designed for use with industrial control applications. Featuring two Ø 22 mm holes, it accommodates standard push-buttons and signaling devices. Constructed from high-impact thermoplastic with a TPE gasket, the grey panel box is built to withstand harsh indoor and outdoor environments, offering IP66/IP69 protection and IK07 impact resistance. Engineered for safety and longevity, it meets Class II electric shock protection standards, is free of heavy metals, PVC, silicone, and halogens, and operates reliably from -25°C to +70°C. Quick to produce and easy to install, it's ideal for industrial panels, machinery controls, and custom control solutions.

Key Features:

- Compact 90x90 mm Design – Accommodates two Ø 22 mm push-buttons for flexible control configurations.
- High-Impact Thermoplastic Housing – Durable and UV-resistant for indoor and outdoor applications.
- IP66/IP69 and IK07 Protection – Provides superior resistance to dust, water, and mechanical impacts.
- Wide Operating Temperature Range – Reliable performance from -25°C to +70°C in demanding industrial environments.
- Safe and Eco-Friendly Construction – Class II electrical protection; free from heavy metals, PVC, silicone, and halogens.
- Easy Installation – Injection-molded housing with TPE gasket and stainless steel fasteners ensures secure, efficient mounting.

Specifications

080EU90-P2	
Number of Holes	2
Dimensions	90 x 90mm
Color	Dark Grey / Light Grey
Weight - gr	130.00
Compliance with standards	IEC-EN62208
Operating temperatures	-25° ÷ +70°C
Protection degree	IP66 - IP69 (IEC-EN60529)
Protection against impact	IK07 (IEC-EN62262)
Manufacturing process	Injection moulding
Housing material	High impact grade thermoplastic polymer
Gasket material	TPE thermoplastic elastomer
Screw material	Stainless steel AISI 304
Screw type	Torx T15 slotted head type
Tightening torque	0.8 ÷ 1.2Nm (7.1÷10.6 Lb-in)
Protection against electric Shock	Class II (IEC-EN61140)
Heavy metal-free	Yes
PVC-free	Yes
Silicon-free	Yes
Halogen-free	Yes
Combustion behaviour	HB (UL94)
Combustion behaviour	650°(IEC-EN60695-2-11)
Fitted for outdoor application	Yes
Pushbuttons and electrical contact block	See 020 product range: 020 SM2 Command&Signalling

Technical Drawings

