



The ASI080TU0707-6GF12 is a compact, rugged emergency stop enclosure designed for industrial safety applications. Featuring a yellow polyamide housing with a red Ø 40 mm mushroom push-button and twist-to-release action, it ensures quick, secure operation in critical situations. The enclosure integrates 1 NO + 2 NC contact blocks and meets CE, UL, and CSA approvals.

Engineered for harsh environments, it offers IP66/IP69 and NEMA 1/4/4X protection, IK08 impact resistance (IK03 for the push-button), and operates reliably from -35°C to +80°C. Constructed from durable polyamide with a TPV gasket and stainless steel Torx fasteners, it is UV- and weather-resistant for outdoor use. Rated for 300V insulation and Class II electric shock protection, it combines safety, durability, and ease of installation for industrial control panels and emergency stop applications.

Key Features:

- Red Mushroom E-Stop with Twist-Pull Release – Provides quick and secure emergency stop functionality for industrial safety applications.
- 1 NO + 2 NC Contact Configuration – Offers reliable control with one normally open and two normally closed contacts for versatile emergency stop setups.
- Rugged Polyamide Enclosure – Durable, UV- and weather-resistant housing with a yellow lid, suitable for harsh indoor and outdoor environments.
- High Protection Ratings – IP66/IP69 and NEMA 1/4/4X for dust and water resistance, with IK08 impact-resistant housing and IK03 push-button.
- Wide Operating Range – Reliable performance from -35°C to +80°C with Class II electrical protection and 300V insulation rating.
- Secure & Easy Installation – Polyamide housing with TPV gasket, stainless steel Torx fasteners, and compact 70x70x63 mm design for easy mounting.

Specifications

080TU0707-6GF12	
Color	Yellow / Grey
Weight - gr	172.00
Approvals	CE, UL, CSA
Compliance with standards	IEC-EN 62208, IEC- EN 60947-1, IEC- EN 60947-5-1, IEC- EN 60947-5-5 and ISO-EN 13850
Operating temperatures	-35° ÷ +80°C
Protection degree	IP66 - IP69 - TYPE 1, 4, 4X (IEC-EN60529 - NEMA 250)
Protection against impact	IK08 (IEC-EN62262) – IK03 mushroom push - button
Manufacturing process	Injection moulding
Housing material	PA polyamide
Gasket material	TPV vulcanized thermoplastic elastomer
Screw material	Stainless steel AISI 304
Screw type	Torx T15 slotted head type
Tightening torque	0.7 Nm (6.2 lb-in)
Rated insulation voltage	Ui 300V - Uimp 2.5kV (IEC-EN60947-1)
Protection against electric Shock	Class II (IEC-EN61140)
Combustion behaviour	Housing: V0 (UL94), gasket: V0 (UL94)
Combustion behaviour	Housing: 960°C (IEC 60695-2-12)
Fitted for outdoor application	Yes
Pushbuttons and electrical contact block	See 020 contacts NC, 020 D.22mm 020PTFAR

Technical Drawings

