

The ASI080TU0707-6GF01 Polyamide E-Stop Enclosure is a compact, robust emergency stop solution designed for industrial safety applications. Featuring a red Ø 40 mm mushroom push-button with twist-to-release action and 1 NC contact, it provides reliable and immediate emergency stop functionality. The enclosure's durable polyamide housing with a yellow lid is built to withstand harsh indoor and outdoor environments, offering IP66/ IP69 protection, IK08 impact resistance, and compliance with CE, UL, and CSA standards. Designed for versatility, it supports safe operation across a wide temperature range from -35°C to +80°C, making it ideal for industrial control panels and machinery safety circuits.

Key Features:

- Red Mushroom E-Stop with Twist-Pull Release Ensures fast, secure emergency stop activation for critical safety situations.
- 1 NC Contact Configuration Provides reliable normally closed contact for standard emergency stop circuits.
- Rugged Polyamide Housing Durable, UV- and weather-resistant enclosure with yellow lid, suitable for harsh industrial environments.
- High Protection Ratings IP66/IP69 and NEMA 1/4/4X protection against dust and water, with IK08 impact-resistant housing and IK03 push-button.
- Wide Operating Range Performs reliably from -35°C to +80°C with Class II electric shock protection and 300V insulation rating.
- Easy & Secure Installation Compact 70x70x63 mm design, TPV gasket, and stainless steel Torx fasteners for straightforward panel mounting.

Specifications

080TU0707-6GF01	
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



