



MAS-3/MAS-4

EXPLOSION-PROOF MOMENTARY ABORT STATION



P/N: See Chart

Standard Features

- Zones 1, 2 and safe area
- EExed IIC T6
- MAS-4: ATEX approved Ex II 2GD
- PTB Certified
- MAS-3: UL Listed for USA and Canada
 - Class I, Div 2, Groups A - D
 - Class I, Zone 1, AExde IIB+H₂ T6
 - Class II, Div 1, Groups E, F & G (cUL)
- IP66
- Spring Return Pushbutton (Momentary "Deadman Style" Abort)
- Operating Temperature
 - MAS-3: -4°F to 104°F (-20°C to 40°C)
 - MAS-4: -67°F to 122°F (-55°C to 50°C)
- Impact resistant thermoplastic
- Retained stainless steel cover screws

Overview

The MAS-3 and MAS-4 momentary abort stations, intended for use in potentially explosive atmospheres or outdoor applications, are suitable for use in all gas groups including hydrogen. (Except Acetylene Class I, Zone 1)

These rugged enclosures are manufactured from a UV stable, impact resistant polyamide; cover fixing screws are stainless steel thus ensuring a corrosion-free product.

The MAS-3 and MAS-4 offer a compact footprint and the high ingress protection rating makes the MAS-3 and MAS-4 suitable for use in harsh environmental conditions.

The MAS-3 and MAS-4 have spring return (deadman style) pushbuttons.

Operation

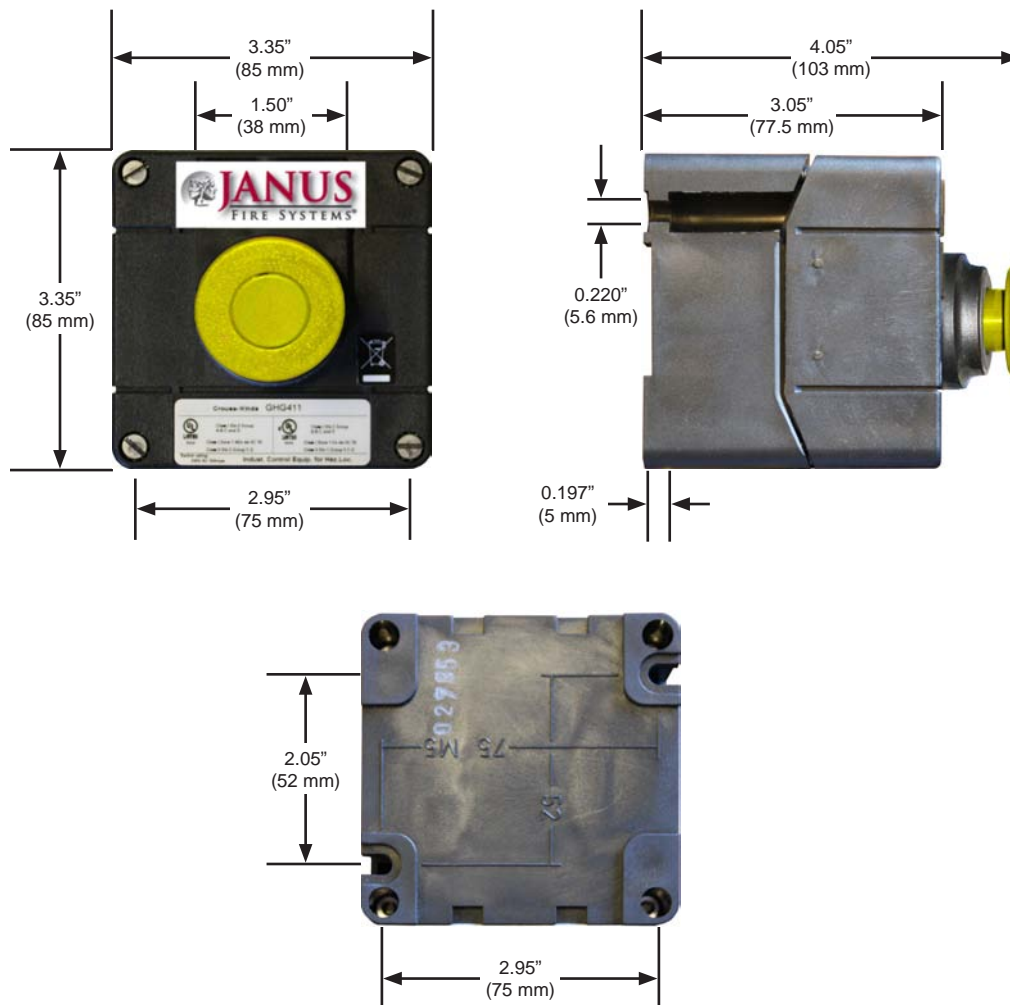
To initiate abort, push button and hold.

Specifications

Certification:	CENELEC EN50014, 18, 19 & 20. Certificate No. PTB 00 ATEX 3117. EExed IIC T6 (Tamb 48°C). Zones 1 & 2 UL Listed for USA and Canada Class I, Div 2, Groups A-D. Class I, Zone 1, AExde IIB+H ₂ T6 and Class II, Div 1, Groups E, F & G (cUL). Listing No. E194809
Material:	Impact resistant thermoplastic, anti-static enclosure with stainless steel cover screws
Finish:	Self colored black. Yellow mushroom head button.
Operating Temperatures:	-4°F to 104°F (-20°C to 40°C) (MAS-3) -67°F to 122°F (-55°C to 50°C) (MAS-4)
Ingress Protection:	IP66
Termination:	10 AWG max. direct to components Max voltage rating 400 V
Earthing:	Internal earth terminal (MAS-4); External earth terminal (MAS-3)
Entries:	1 x 1/2" NPT bottom entry (MAS-3) 1 x 20 mm bottom entry (MAS-4)
Contacts:	Two (2) N.O. – 16A @ 240 VAC



Dimensions



Ordering Information

Model	P/N	Description	Ship Wt. lb (kg)
MAS-3	99990	Explosion-Proof Momentary Abort Station (UL Listed)	2.9 (1.3)
MAS-4	99805	Explosion-Proof Momentary Abort Station (ATEX)	2.9 (1.3)

Note: Approvals/Listings maintained by and manufactured by MEDC Ltd.

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