

Discharge box UB03 F2/2-G12

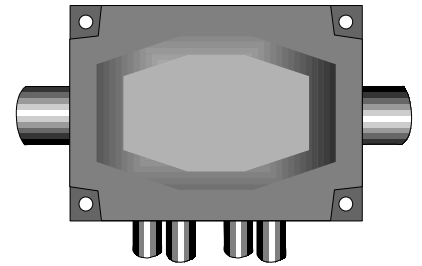
General

The discharge box UB03 F2/2-G12 is used in conjunction with the T159 control panel for activating two actuators of the EA-M or EA-C type. It monitors the two connected actuators as well as two independent pressures switches (to indicate low pressure on INERGEN cylinders).

The electrical circuit is constructed with a mechanical switch (relay) and an electrical switch to prevent unintended discharge if the unit is affected by a great mechanical force.

The discharge box is in compliance with the marine requirements, where redundancy is required, by having a loop connection (cables must be routed on separate sides of the enclosure to comply with this requirement).

Energy for activating the actuators is stored in separate huge capacitors in the discharge box. The capacitors are continuously being charged from the control panel, hence allowing for small cross sectional cables to be used for the loop, as they are not subject to supply the full discharge load.



Specifications

Mechanical

Dimension:

LxWxH (overall):	175x110x82 mm
LxWxH (box):	125x92x82 mm
Mounting holes:	ø6mm, 79x113 mm pattern
Weight:	0.70 kg

Material: Aluminium

Cable glands:

Loop cable (2):	ø14
Discharge + press (4):	ø7

Ingress protection: IP67

Installation

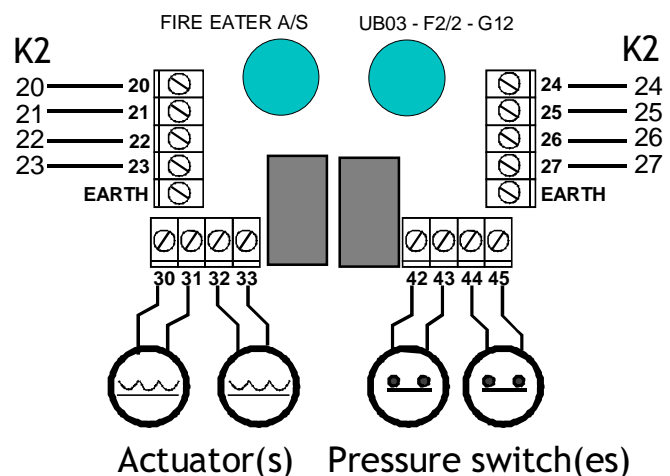
Always disconnect actuator units before disconnecting the discharge box.

Never connect several discharge boxes in parallel!

The K2 connector is placed at the T159 control panel.

Parts

701640	Box metal (aluminium) with PG W6
503641	UB03 F2/2 G12 Circuit board



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