

## PRODUCT DATA SHEET

### H2O ELECTRONIC RELEASE UNITS

HS CODE 84798997, Country of Origin SWEDEN

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#### DESCRIPTION

The H2O Electronic Release unit (ERU) activates when it receives an electrical signal from a push button, switch or sensor included in the Hammar Electronic Remote Release Systems (ERRS).

The ERU is often found in a Life-Saving Appliances' lashing arrangement, where it will cut the lashing when activated, releasing the LSA.

If the ship sinks, the water pressure will activate the sharp knife, which cuts the rope, and the liferaft will float free.



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#### HYDROSTATIC ACTIVATION DEPTH

Red Top Label: No hydrostatic activation. Only activated by a electrical signal from a push button, switch or sensor.

Red/Yellow Top Label: 1,5 - 4,0 meters (SOLAS)

Red/Green Top Label: approx 4 meters

Red/Blue Top Label: approx 6 meters

#### MANUAL ACTIVATION

Activation/launch manually by a push button/switch.

Red Top Label: Only activated by a electrical signal from a push button, switch or sensor.

Red/Yellow Top Label, Red/Green Top Label, Red/Blue Top Label; activated by a electrical signal from a push button, switch or sensor. Hydrostatic activation if not activated manually or by a sensor.

#### AUTOMATIC ACTIVATION

Activation/launch can be triggered automatically by a sensor.

#### WEAK LINK\*

Breaking strenght: 2,2 ± 0,4 kN

An alternative to the Weak Link™ system is the Red braided polyester line, 4,5mm diameter.

\*where the weak link is available.

#### OPERATING TEMPERATURE

-30 to +65°C

#### SERVICE LIFE

The operational life on board the ship is 2 years (24 months) or otherwise stated on the product when installed.

#### APPROVED TO STANDARDS

Chapter 1.2 General requirements for life-saving appliances of the LSA Code

SOLAS 74 Convention \*

IMO Res. MSC 97(73)8.1/8.6 (2000 HSC Code)

IMO Res. MSC. 48(66)

IMO Res. MSC.81(70)

IMO MSC/Circ.811, approved to EU Directive 96/98 EC on Marine Equipment

\*Only applicable for units with yellow Top Label (SOLAS)

#### LABEL AND PRODUCT MARKING

Material: UV-resistant and peel-proof material.

##### Top label

Marcode

Serial number : XXXXX

Manufacturing date: YY/MM

Security number : XXX

Notified body/year: XXXX/YY

H2O = 24 month service life

H2O RX= 30 month service life

##### Date label

For marking of expiry date; month and year.

Years available on date label: 5 years

#### DUAL ASSEMBLY

Arrangement of release units that includes two or more H2O units are available. These can be in combinaton with a HRU or ERU unit. See separate data sheet.

#### TRANSPORT AND STORAGE

The Hammar H2O is a disposable product.

Shelf life: 5 years from manufactured year, provided it is stored in its box in a dry and UV-protected storage.

#### PACKING SPECIFICATIONS

No minimum quantity.



- Do not power wash the H2O
- Do not paint
- If an H2O is dropped or exposed to an impact it shall be discarded

SPECIFICATIONS

| SPECIFICATIONS  | H2O HOUSING                 | ROPE SLING            | METRON                        | CABLE                        |
|-----------------|-----------------------------|-----------------------|-------------------------------|------------------------------|
| CABLE CONNECTOR | N/A                         | N/A                   | N/A                           | Souriau size 10, male        |
| DIMENSION       | N/A                         | N/A                   | N/A                           | Wire 2 X 0,75mm²             |
| SIZE            | L:96 mm, w: 64 mm, H: 62 mm | Diameter; 8 mm        | L:60 mm, W: 21,5 mm, H: 25 mm | L: 1,8 m/ 2,3 m<br>W: 5,8 mm |
| WEIGHT          | 112 gram                    | 28 gram               | 35 gram                       | 46 gram/m                    |
| COLOUR          | Black                       | White & black stripes | Black                         | Black                        |

