# HYDROPHORE SEQUENCING RELAY

### General

Hydrophore Sequencing Relays have been designed as they will start operating when needed and operate simultaneously.

#### **Usage of Device and Working Principle**

The hydrophore sequence is as follows: (H1) - (H2) - (H3) and (H1-H2) - (H2-H3) - (H1-H3). It activates hydrophores at the same number with the closed switches and keeps them operating during the "t" time. After the "t" time is up, it engages the next hydrophore or the hydrophore group and t continues in this way. It deactivates hydrophores at the same number with the open switches.

**Note:** Do not energize the inputs and outputs (P1, P2, P3) of the pressure switch.

#### Maintenance

Switch off the device and release from connections. Clean the trunk of device with a swab. Don't use any conductor or chemical might damage the device. Make sure device works after cleaning.

#### Warnings

Please use the device according to the manual.

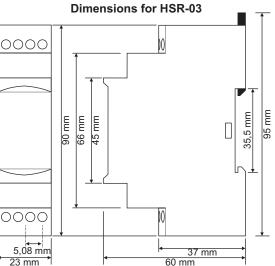
Don't use the device in wet.

Include a switch and circuit breaker in the assembly.

Put the switch and circuit breaker nearby the device, operator can reach

easily.

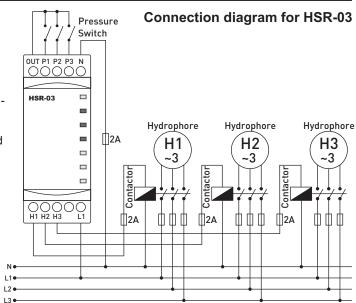
Mark the switch and circuit breaker as releasing connection for device.

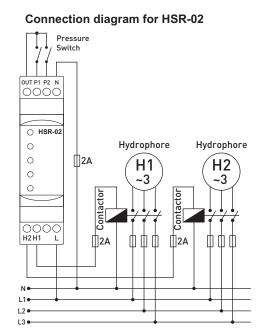


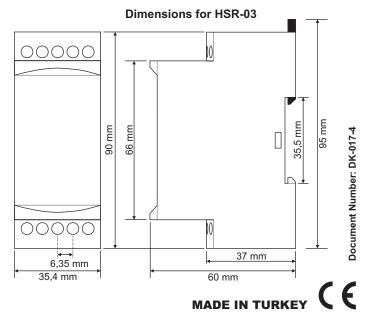
### **Tecnical Specifications:**

Operating Voltage(Un):	150-250V AC
Operating Frequency:	50/60 Hz.
Operating Power:	<6VA
Operating Temperature:	-20°C +55°C
Time(t)	10minutes
Display	HSR-02=5 x led, HSR-03=7 x led
Connection Type:	Terminal connection
Contact	3A/250V AC (Resistive Load)
Number Hydrophore:	2(HSR-02) and 3(HSR-03)
Number Pressure Switch .:	2(HSR-02) and 3(HSR-03)
Cable Diameter:	1.5mm²(HSR-02), 2.5mm²(HSR-03)
Weight	Max. 220gr.
Mounting	Vertical assembled in the panel
	or assembled on the din rail.
Operating Altitude:	<2000meter

Contacts: www.tense.com.tr info@tense.com.tr







## HSR-02 / HSR-03 ENG