

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Aplisens S.A.
Address	Ul. Morelowa 7, Warszawa, 03-192, Poland
Type	Switches - Level
Description	Level switches Refer to the Appendix for further details.
Trade Name	ERH
Application	Marine, offshore and industrial, in category ENV1, ENV2, ENV3 and ENV5 as defined in Lloyd's Register Type Approval System, Test Specification No. 1 – July 2015.
Specified Standard	Manufacturer's specification
Additional Tests	Degree of protection IP 66 (types ERH-xx-06, -16) Degree of protection IP 68 (types ERH-xx-07, -16.1)
Other Conditions	Ratings for application in hazardous areas for types ERH-xx-16-x are to be obtained from applicable Ex Certificates. Float mechanism for ERH-03-xx and ERH-04-xx types are to be provided with additional fastening guide, when found necessary.

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 16/20065

The Design Appraisal Document HTS/ETS 41497-21/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Appendix

TYPES

Types	Ratings
ERH-01-06 ERH-02-06 ERH-03-06 ERH-04-06 ERH-07-06 ERH-08-06 ERH-09-06 ERH-01-06K ERH-02-06K ERH-03-06K ERH-04-06K ERH-07-06K ERH-08-06K ERH-09-06K	Max. medium temperature: 250°C Electric parameters : AC15: U ≤ 230V; f = (50...60) Hz; I ≤ 10 A DC13: U ≤ 220V; I < 0,6 A Degree of protection: IP 66
ERH-01-07 ERH-02-07 ERH-03-07 ERH-04-07 ERH-07-07 ERH-08-07 ERH-09-07 ERH-01-07K ERH-02-07K ERH-03-07K ERH-04-07K ERH-07-07K ERH-08-07K ERH-09-07K	Max. medium temperature: 70°C Electric parameters : AC15: U ≤ 230V; (50...60)Hz; I ≤ 10 A DC13: U ≤ 220V; I < 0,6 A Degree of protection IP 68
ERH-01-16 ERH-02-16 ERH-03-16 ERH-04-16 ERH-07-16	Max. medium temperature: 100°C Electric parameters : AC15: U ≤ 230V; (50...60)Hz; I ≤ 2,5 A DC15: U ≤ 220V; I < 0,3 A Degree of protection IP 66

ERH-08-16 ERH-09-16 ERH-01-16K ERH-02-16K ERH-03-16K ERH-04-16K ERH-07-16K ERH-08-16K ERH-09-16K	
ERH-01-16.1 ERH-02-16.1 ERH-03-16.1 ERH-04-16.1 ERH-07-16.1 ERH-08-16.1 ERH-09-16.1 ERH-01-16.1K ERH-02-16.1K ERH-03-16.1K ERH-04-16.1K ERH-07-16.1K ERH-08-16.1K ERH-09-16.1K	Max. medium temperature: 70°C Electric parameters : AC15: U ≤ 230V; (50...60)Hz; I ≤ 2,5 A DC13: U ≤ 220V; I < 0,3 A Degree of protection IP 68
	Sensing element: Stainless steel K - Acidproof version Hysteresis: 10 to 1350 mm

**PLACE OF
PRODUCTION**

Aplisens S.A. Oddział w Ostrowie Wielkopolskim
 ul. Krotoszynska 35
 63-400 Ostrów Wielkopolski
 Poland