

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	Microdata Due s.r.l.
Address	Via Greti del Vara 9, Follo (Sp), 19020, Italy
Type	Fire Detection and Alarm System
Description	Fire detection and alarm system MD2010 comprising: - Fire alarm control panel MD2010-CU (P/N-27663) with branch control unit BCU (P/N-27672) or loop control unit LCU (P/N-26133), - Expansion branch control module MD2010-BR (P/N-27684), - Power supply MD2010-PS (P/N-27677).
Trade Name	MD2010 and accessories
Application	Marine, offshore and industrial use in environmental categories ENV1 and ENV2 as detailed in Lloyd's Register Test Specification No. 1, 2002.
Specified Standard	EN 54-2:1997 + A1:2006, EN 54-4:1997 + A1:2002 + A2:2006.
Ratings	Control panel: 28 Vdc, Max loop current: 1.2 A, Expansion module: 5/28 Vdc 0.1 A, Main and emergency power supply: 100/240 V, 50/60 Hz, 120 W, Battery back-up: 24 Vdc 7.5/12 Ah.

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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: 11/00056(E1)

The Design Appraisal Document LR2241051DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.