

Type Approval Certificate



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

Certificate No. 37 414 - 12 HH

Company CMR Controle Mesure Regulation
Technopole de Chateau-Gombert
Rue John Maynard Keynes
13013 Marseille Cedex 13, FRANCE

Product Description Alarm and Monitoring Unit

Type SIMS (Smart Innovative Monitoring System)

Environmental Category D, EMC2

Technical Data / Range of Application GL Type Approved Equipment according same environmental category:
5.7" TFT LCD Display & Touch Screen Controller, CPU Module

Voltage: 18...32 VDC, 24 VDC nominal
Max power 12 W

Communication interfaces
RS 232
RS 485/422
Ethernet(10/100 Mb)
CAN
USB (USB 2.0)
Relay outputs and Watchdog

Clarinux software: V2.0.9.

Test Standard Guidelines for the Performance of Type Approvals Chapter 2, Edition 2003
Guidelines for the Use of Computers and Computer Systems

Documents NAC 410 N°224, NAC 410 N°200, NAC 413 N°871, NAC 1684 N°038, MA 676, MA 671,
Dwg 292C036-B 1-7

Remarks None

Valid until 2017-04-16

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Type Approval Symbol



File No. I.A.03

Hamburg, 2012-04-17

Germanischer Lloyd

i.v. J. Papanuskas
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Didier Girardin
Didier Girardin

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".