

EU Declaration of Conformity

We manufacturer
CARLO GAVAZZI INDUSTRI A/S,
Over Hadstensevej 40, DK-8370 Hadsten, Denmark. Tel. +45 89606100
declare that the products

Safety modules SMSA31, SM2H21 and SME41

are in conformity with the applicable essential requirements of the following Directives:

Machinery Directive 2006/42/EC

EN ISO 13849-1: 2015
EN60204-1:2006 + A1: 2009
+ Cor.: 2010; Clause 9.2.6.2
EN ISO 13851: 2019
EN 61326-3-1: 2017

Safety of machinery - safety related parts of control systems - General principles for design
Safety of machinery - Electrical equipment of machines - General requirements
Two-hand control type III (SM2H21)
Safety of machinery - Two-hand control devices - Principles for design and selection (SM2H21)
Electrical equipment for measurement, control and laboratory use. EMC requirements. Immunity requirements
for safety-related systems and for equipment intended to perform safety-related functions (functional safety) -
General industrial applications

EC type certification:
Production certification:
Safety parameters:

TÜV NORD CERT GmbH, NB 0044, Cert. n.: 44 205 15058307
TÜV NORD CERT GmbH, NB 0044
Category 4, PL e. MTTFD 420 years (SMSA31), 363 years (SM2H21), 422 years (SME41);
DC 99%. Two-hand control type III

Low Voltage Directive 2014/35/EU

EN 60947-5-1: 2004
+ Cor. : 2005 + A1: 2009

Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements -
Electromechanical control circuit devices

EMC Directive 2014/30/EU

EN 60947-5-1: 2004
+ Cor. : 2005 + A1: 2009

Low-voltage switchgear and controlgear - Control circuit devices and switching elements - Electromechanical
control circuit devices

RoHS Directive 2011/65/EU & Delegated Directive (EU) 2015/863

EN 50581: 2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction
of hazardous substances



CE marking: design and manufacturing follow the provisions of the European Directives above mentioned

Manufacturer and Documentation Authority

Place/Date : Hadsten, February 4th, 2020



Name : Kent Sørensen, R&D Manager

Notes:

This Manufacturer's Declaration of Conformity is only valid under the condition that:

- the above-mentioned products are protected against accidental touch and are installed as prescribed in the installation documentation.
- we are correctly informed about RoHS compliance of all components and raw material by the relevant suppliers.

Technical file made up at Carlo Gavazzi, Overhadstensevej 40, 8370 Hadsten (Denmark)

Manufacturer's point of contact: UAB Carlo Gavazzi Industri Kaunas, Raudondvario Pl.101 Kaunas, LT-47184 Lithuania



MS CERT
ISO 9001 / ISO 14001
www.ms certification.net