EU Declaration of Conformity

1. Product model

The MiS210 and MiS250 Option modules are used as a Safety Components of a machine.

The MiS210 and MiS250 are intended to be used with the Unidrive-M range of variable speed drives to implement the following safety functions as defined in EN 61800-5-2:

STO, SS1, SS2, SLS, SOS, SDI, SSM, SES, SOR, SNOR, SXOR, SNXOR, SAND, SNAND, SHIS, SHOS, SNIS, SNOS, SINIS, SINOS, STIS, SFIS, SCIS, BIS, BOS, SLP, SDM, SBC, SLA, STHC3, S8AND.

The Option Modules are used with the Parameterisation Tool – Connect, incorporating the Safety DLL.

The Option modules are programmable devices. The programming tool (Parameterisation Tool) is within the scope of the type examination certificate.

2. Name and address of the manufacturer

Manufacturer:	Authorised representative:
Nidec Control Techniques Ltd The Gro Pool Road Newtown Powys SY16 3BE UK Registered in England and Wales. Company Reg. No. 01236886 Telephone: 00 44 1686 612000 E mail: cthoadmin@mail.nidec.com Web: www.controltechniques.com	Nidec Netherlands B.V. Kubus 155 3364 DG Sliedrecht Netherlands

3. Responsibility

This declaration is issued under the sole responsibility of the manufacturer.

4. Object of the declaration

MiS210, MiS250 Option modules

5. Declaration

Only the Safe Torque Off function may be used for a safety function of a machine. None of the other functions of the drive may be used to carry out a safety function.

The devices which are the subject of this declaration comply with the Machinery Directive 2006/42/EC.

Type examination has been carried out by the following notified body:
TUV Rheinland Industrie Service GmbH, Am Grauen Stein, D-51105 Köln, Germany
Notified body identification number: 0035
EC type-examination certificate number: 01/205/5720.01/24

6. References to the relevant harmonised standards used

The variable speed drive products listed above have been designed and manufactured in accordance with the following European harmonised standards:

BS EN 61800-5-2:2016	Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional
BS EN 61800-5-1:2022	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
BS EN 61800-3: 2022	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
BS EN ISO 13849-1:2023	Safety of Machinery, Safety-related parts of control systems, General principles for design
BS EN 62061:2021	Safety of machinery, Functional safety of safety related electrical, electronic and programmable electronic control systems
BS EN 61508 Parts 1 - 7:2010	Functional safety of electrical/ electronic/programmable electronic safety-related systems

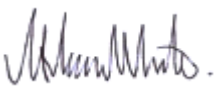
7. Signed for and on behalf of:

Person authorised to complete the technical file:

DoC authorised by:

Date:

Authorised representative (see details above)



Jon Holman-White, Vice President, Research and Development.
6th June 2024, Newtown, Powys, UK