

## 1. Product range

Unidrive-M, Commander, Digitax HD and derivative products, variable speed AC motor drives

## 2. Name and address of the manufacturer and authorised representative

<b>Manufacturer</b> Nidec Control Techniques Ltd The Gro Newtown Powys SY16 3BE UK  Registered in England and Wales. Company Reg. No. 01236886	<b>Authorised representative:</b> 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

Model No.	Interpretation	Model number nomenclature aaaa - bbc ddddde
aaaa	Basic series	C200, C300, M100, M101, M200, M201, M300, M400, M600, M700, M701, M702, M708, M709, M750, M751, M752, M753, M754, M880, M881, M882, M888, M889, E200, E300, F300, F600, H300, HS30, HS70, HS71, HS72, M000, RECT
bb	Frame Size	01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12
c	Voltage Rating	1 = 100 V, 2 = 200 V, 4 = 400 V, 5 = 575 V, 6 = 690 V
dddd	Current Rating	Example 01000 = 100 A
e	Drive Format	A = 6P Rectifier + Inverter with internal choke, D = Inverter, E = 6P Rectifier + Inverter, T = 12P Rectifier + Inverter

## 5. Declaration

The object of the declaration is in conformity with the relevant European Union harmonisation legislation.

Low Voltage Directive (2014/35/EU)

Electromagnetic Compatibility Directive (2014/30/EU)

Restriction of Hazardous Substances Directives (2011/65/EU and 2015/863/EU).

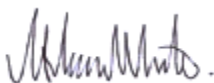
Regulation 2019/1781 of directive 2009/125/EC (Energy related products)

## 6. References to the relevant harmonised EN standards

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

EN 61800-5-1:2007 + A11:2021	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
EN 61800-3: 2004 + A1: 2012	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
EN 61000-6-2: 2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-4: 2007+ A1: 2011	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limitation of voltage changes, voltage fluctuations and flicker in public, low voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection

## 7. Responsible person



Jon Holman-White  
Vice President, Research and Development  
Nidec Control Techniques Ltd  
Date: 28<sup>th</sup> June 2021  
Newtown, Powys, UK.



## EU Declaration of Conformity

### IMPORTANT NOTE

These products are Basic Drive Modules, intended to be used with motors, controllers, electrical protection components and other equipment to form Power Drive Systems. Compliance with safety and EMC regulations depends upon installing and configuring the drive modules correctly.

The drives must be installed only by professional installers who are familiar with requirements for safety and EMC. Refer to the Safety information and Installation instructions supplied with the drive. The installer is responsible for ensuring that the Power Drive System complies with all applicable laws in the country where it is to be used.