

1. Product range

Unidrive-SP0 Adjustable speed AC servo motors, drives, and accessories.

2. Name and address of the manufacturer and authorised representative

Manufacturer 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	Authorised representative: Nidec Netherlands B.V. Kubus 155 3364 DG Sliedrecht Netherlands.
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3. Responsibility

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

4. Object of the declaration

Variable speed drives

Model No.	Interpretation	Model number nomenclature
a	Basic series	SP
c	Frame Size	0
d	Voltage Rating	2 = 200 V, 4 = 400 V
e	Configuration	0 = wall mounted
f	Current rating step	0, 1, 2, 3, 4, 5

The model number may be followed by additional characters that do not affect the ratings.

Accessories

Model No.	Model number
Option modules	SM-Universal Encoder Plus, SM-Resolver, SM-Encoder Plus, SM-Encoder Output Plus, 15-way D-type converter, Single-ended encoder interface (15 V or 24 V), Reference Marker Signal Interface, ERN1387 Encoder Interface Board, SM-I/O Plus, SM-I/O 32, SM-I/O Lite, SM-I/O Timer, SM-I/O PELV, SM I/O 120 V, SM-I/O 24 V Protected, SM-Register, SM PROFIBUS-DP-V1, SM-DeviceNet, SM-INTERBUS, SM-CAN, SM-CANopen, SM-SERCOS, SM-Ethernet, SM-EtherCAT, SM-LON, SM-SLM,
Accessories	CT Comms cable, Braking resistor 70 R 50 W, Smartcard
Displays and keypads	Digitax ST Keypad, SM-Keypad Plus

5. Declaration

The object of the declaration is in conformity with the relevant UK statutory requirements and European Union harmonisation legislation.

Low Voltage Directive (2014/35/EU)

Electromagnetic Compatibility Directive (2014/30/EU)

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

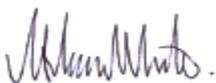
Regulation 2019/1781 of directive 2009/125/EC (Energy related products)

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	Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
EN 61800-3: 2018	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods
EN 61000-6-2: 2019	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-4: 2019	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
EN 61000-3-2:2019 + A1: 2021	Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:2013+A1:2019 + A2:2021	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: 10th November 2023
 Newtown, Powys, UK.