

1. Product range

Commander S-series general purpose adjustable speed AC motor drives, including option modules 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

Model No.	Interpretation	Model number nomenclature S100 - aabcdef
	Basic series	S100
aa	Frame Size	01, 02, 03, 04
b	Voltage Rating	1 = 100 V, 2 = 200 V, S = 200 V 1 ph, D = 200 V 1/3 ph, 4 = 400 V
c	Current Index	0 to 9
d	Internal EMC filter	1 = C1, 3 = C3
e	Version	0
f	Customisation	1 = EMEA and Pacific, B = Americas, C = LS, K = customer specific, h = others

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 + A1:2017 + A11: 2021	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
EN 61000-3-12: 2011	Electromagnetic compatibility (EMC) - Part 3-12: Limits. Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and ≤ 75 A per phase.

7. Responsible person



Jon Holman-White
Vice President, Research and Development
Nidec Control Techniques Ltd
Date: 10th January 2025
Newtown, Powys, UK.