



EU DECLARATION OF CONFORMITY

FOR
The **OPTIDRIVE P2** product range

Inverter Drives Ltd
Offa's Dyke Business Park
Welshpool, Powys. SY21 8JF
United Kingdom

hereby declares, under our sole responsibility, that the above-named product range has been designed and manufactured in accordance with the following European harmonised standards:

Safety:

EN 61800-5-1:2007
& A11:2021

Adjustable speed electrical power drive systems.
Part 5-1: Safety requirements. Electrical, thermal and energy
(IEC 61800-5-1:2007).

EN 61800-5-2:2017
[as relevant]

Adjustable speed electrical power drive systems.
Part 5-2: Safety requirements – Functional (IEC 61800-5-2:2016).

EMC:

EN 61800-3:2018

Adjustable speed electrical power drive systems.
Part 3: EMC requirements and specific test methods
(IEC 61800-3:2017).

Eco-design:

EN 61800-9-2:2017

Adjustable speed electrical power drive systems.
Part 9-2: Ecodesign for power drive systems, motor starters, power
electronics and their driven applications – Energy efficiency indicators for
power drive systems and motor starters (IEC 61800-9-2:2017).

RoHS:

EN 63000:2018

Technical documentation for the assessment of electrical and
electronic products with respect to the restriction of hazardous
substances (IEC 63000:2016)

following provision of the council directives:

2014/30/EU (EMC) and 2014/35/EU (LVD)
2006/42/EC (Machinery Directive)
2009/125/EC (Eco-design) & Regulations (EU) 2019/1781 & 2021/341
2011/65/EU (RoHS) modified by delegated directive 2015/863

Supplementary Notes:

Only the "Safe Torque Off" (STO) function of the drive may be used as a safety function of a machine.
None of the other functions of the drive can be used to carry out a safety function.



The CE marking and conformity are only valid if the product has been installed in a drive
system in accordance with the product User Guide delivered with the product.

DM Jones
R&D Director
Inverter Drives Ltd
Welshpool, 06.04.2021

Inverter European Authorised Representative:

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