



UK 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 UK harmonised standards:

Safety:

BSEN 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).

BSEN 61800-5-2:2017 [as relevant] Adjustable speed electrical power drive systems.
Part 5-2: Safety requirements – Functional (IEC 61800-5-2:2016).

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.
Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

Eco-design:

BSEN 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:

BSEN 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 UK regulations:

Electromagnetic Compatibility Regulations 2016 (1091)
Supply of Machinery (Safety) Regulations 2008 (1597)
Electrical Equipment (Safety) Regulations 2016 (1101)
The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019 (539)
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

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 UKCA 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, 18.03.2021

OPTIDRIVE™ 

