



DECLARATION OF CONFORMITY

For the **OPTIDRIVE ECO** product range

Inverterk Drives Ltd
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Welshpool, Powys. SY21 8JF, United Kingdom

hereby declares 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 Adjustable speed electrical power drive systems. Safety requirements. Electrical, thermal and energy.

EN 61800-5-2:2007 Adjustable speed electrical power drive systems. Safety requirements. Functional [as relevant]

EMC:

EN 61800-3:2004 /A1:2012 Adjustable speed electrical power drive systems. EMC requirements and specific test methods

Harmonics:

EN 61000-3-12:2011 Limits for harmonic currents produced by equipment on low voltage systems (>16A and ≤75A per phase)

following provision of the council directives:

2004/108/EC (EMC) and 2006/95/EC (LVD) (Valid until 20.04.2016)

2014/30/EU (EMC) and 2014/35/EU (LVD) (Valid from 20.04.2016)

Supplementary Notes :

Inverterk's HVAC Eco VSDs fulfill the requirements of EN 61000-3-12 without the need for external line reactors according to the THC values specified in Table 3 for values of $R_{sce} > 185$

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
Inverterk Drives Ltd

Welshpool, 03.02.2016

OPTIDRIVE™ HVAC ECO

