

DECLARATION OF CONFORMITY

For the **BFI-H3** product range

Invertek Drives Ltd
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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.
Functional safety requirements. [as relevant]

EMC:

EN 61800-3:2004 Adjustable speed electrical power drive systems.
/A1:2012 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 Note :

Invertek'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
Invertek Drives Ltd

Welshpool, 03.02.2016