



UK DECLARATION OF CONFORMITY

FOR

OPT-2-USB485-OBUS PC Adaptor
OPT-3-STICK-IN Optistick Smart
OPT-3-WLKIT-IN Optistick Smart & Dongle
OPT-3-PCKIT-IN Optistick Smart & PC Connection Kit

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

hereby declares, under our sole responsibility, that the above-named products have 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).

EMC:

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

RED: (Optistick products only)

ETSI EN 301 489-17 V3.2.4 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 17: Specific conditions for Broadband Data Transmission Systems
ETSI EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band;
Harmonised Standard for access to radio spectrum

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 council directives:

Electromagnetic Compatibility Regulations 2016 (1091)
Electrical Equipment (Safety) Regulations 2016 (1101)
Radio Equipment Regulations 2017 (1206)
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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.



(102)

DM Jones, R&D Director, Welshpool, 22.03.22





UK DECLARATION OF CONFORMITY

FOR

**OPT-2-OPPAD-IN
OPT-2-OPPAD-TU
OPT-2-OPORT-IN
OPT-3-OPPAD-IN**

**OPTIPAD OLED
OPTIPAD OLED (Turkish)
OPTIPOINT
OPTIPAD TFT**

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

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EMC:

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

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 council directives:

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Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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**UK
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(103)

DM Jones, R&D Director, Welshpool, 22.03.22

INVERTEK DRIVES LIMITED UK Headquarters
Offa's Dyke Business Park, Welshpool, Powys, UK, SY21 8JF | www.invertekdrives.com





UK DECLARATION OF CONFORMITY

FOR

OPT-J45-IN
OPT-2-RJTRM-IN**

***.*m RS485 Cable
RS485 Terminating Resistor**

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

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EMC:

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

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 council directives:

Electromagnetic Compatibility Regulations 2016 (1091)

Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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(104)

DM Jones, R&D Director, Welshpool, 22.03.22

INVERTEK DRIVES LIMITED UK Headquarters
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UK DECLARATION OF CONFORMITY

FOR

OPT-2-BNTSP-IN
OPT-J45SP-IN
OPT-2-J45SP-IN

BACNet Splitter
RS485 Splitter
RS485 Splitter (Gen2)

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

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BSEN 61800-5-1:2007 & A11:2021 Adjustable speed electrical power drive systems.
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BSEN 61800-3:2018 Adjustable speed electrical power drive systems.
Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

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following provision of the council directives:

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Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

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(105)

DM Jones, R&D Director, Welshpool, 22.03.22

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UK DECLARATION OF CONFORMITY

FOR

OD-DEVNET-IN	Devicenet Gateway
OD-PROFB-IN	Profibus Gateway
OPT-2-BNTIP-IN	BacNet Interface Option
OPT-2-DEVNT-IN	DeviceNet Interface Option
OPT-2-ETCAT-IN	EtherCat Interface Option
OPT-2-ETHNT-IN	Ethernet Interface Option
OPT-2-MODIP-IN	Modbus TCP Interface Option
OPT-2-PFNET-IN	ProfiNet Interface Option
OPT-2-PROFB-IN	Profibus Interface Option

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EMC:

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

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 council directives:

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Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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DM Jones, R&D Director, Welshpool, 22.03.22





UK DECLARATION OF CONFORMITY

FOR

OPT-2-E1010-**	EMC Filter 240V 10A
OPT-2-E1025-**	EMC Filter 240V 25A
OPT-2-E3006-**	EMC Filter 480V 6A
OPT-2-E3016-**	EMC Filter 480V 16A
OPT-2-E3025-**	EMC Filter 480V 25A
OPT-2-E3050-20	EMC Filter 480V 50A
OPT-2-E3080-20	EMC Filter 480V 80A
OPT-2-E3180-20	EMC Filter 480V 180A
OPT-2-E3300-00	EMC Filter 480V 300A
OPT-2-E3500-00	EMC Filter 480V 500A

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

hereby declares, under our sole responsibility, that the above-named products have been designed and manufactured in accordance with the following UK harmonised standards:

Safety:

DIN EN 60939-1:2011-04 Passive filter units for electromagnetic interference suppression.
Part1: Generic specification.

EMC:

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

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 council directives:

Electromagnetic Compatibility Regulations 2016 (1091)

Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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DM Jones, R&D Director, Welshpool, 22.03.22





UK DECLARATION OF CONFORMITY

FOR

OD-BR100-IN
OD-BR050-IN-I55
OD-BRES4-IN

100 Ohm Brake Resistor 200W
50 Ohm IP55 Brake Resistor 200W
33 Ohm Brake Resistor 500W

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

hereby declares, under our sole responsibility, that the above-named products have been designed and manufactured in accordance with the following UK harmonised standards:

Safety:

BSEN 60204-1:2018 Safety of Machinery – Electrical equipment of machines
Part1: General requirements. (IEC 60204-1:2016).

EMC:

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

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 council directives:

Electromagnetic Compatibility Regulations 2016 (1091)

Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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(109)

DM Jones, R&D Director, Welshpool, 22.03.22

INVERTEK DRIVES LIMITED UK Headquarters
Offa's Dyke Business Park, Welshpool, Powys, UK, SY21 8JF | www.invertekdrives.com





UK DECLARATION OF CONFORMITY

FOR

OPT-2-LI016-**	Input Choke 240V 1ph 16A
OPT-2-LI025-**	Input Choke 240V 1ph 25A
OPT-2-L3006-**	Input Choke 480V 3ph 6A
OPT-2-L3010-**	Input Choke 480V 3ph 10A
OPT-2-L3018-66	Input Choke 480V 3ph 18A
OPT-2-L3036-20	Input Choke 480V 3ph 36A
OPT-2-L3050-20	Input Choke 480V 3ph 50A
OPT-2-L3090-20	Input Choke 480V 3ph 80A
OPT-2-L3200-00	Input Choke 480V 3ph 200A
OPT-2-L3300-00	Input Choke 480V 3ph 300A
OPT-2-L3500-0*	Input Choke 480V 3ph 500A

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

hereby declares, under our sole responsibility, that the above-named products have been designed and manufactured in accordance with the following UK harmonised standards:

Safety:

EN 61558-2-20:2011 Safety of transformers, reactors, power supply units and combinations thereof
Part 2-20: Particular requirements and tests for small reactors.

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 council directives:

Electromagnetic Compatibility Regulations 2016 (1091)

Electrical Equipment (Safety) Regulations 2016 (1101)

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032)

Supplementary Note:

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DM Jones, R&D Director, Welshpool, 22.03.22





UK DECLARATION OF CONFORMITY

FOR

OPT-2-M3008-**
OPT-2-M3012-**
OPT-2-M3018-66
OPT-2-M3030-20
OPT-2-M3075-20
OPT-2-M3180-00
OPT-2-M3300-00
OPT-2-M3500-00

Output Choke 480V 3ph 8A
Output Choke 480V 3ph 12A
Output Choke 480V 3ph 18A
Output Choke 480V 3ph 30A
Output Choke 480V 3ph 75A
Output Choke 480V 3ph 180A
Output Choke 480V 3ph 300A
Output Choke 480V 3ph 500A

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DM Jones, R&D Director, Welshpool, 22.03.22



UK DECLARATION OF CONFORMITY

FOR

OPT-2-ISOLO-S4
OPT-2-ISOLO-S5
OPT-2-THMT**
OPT-3-HAT0*
OPT-2-CN***

IP55 S4 Isolator Box
IP55 S5 Isolator Box
IP55 S4/5/6/7 Through Hole Mounting Plate
IP66 S1/2/3 Metal Hood
I 50/I85mm Rising Clamp Terminals

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DM Jones, R&D Director, Welshpool, 22.03.22





UK DECLARATION OF CONFORMITY

FOR

ODP-2ROUT-IN	Dual Relay Output Option Module
OPT-3-2ROUT-IN	Dual Relay Output Option Module
OPT-2-CANIO-IN	Din-Rail expansion module with CanOpen
OPT-2-RJHUB-IN	Din-Rail expansion module with RS485
OPT-HVACO-IN	HVAC Option Module
OPT-LOGIP-11	110V Logic Input Option Module
OPT-LOGIP-23	230V Logic Input Option Module
OPT-2-ETHEG-IN	Ethernet Gateway Module
OPC-2-ETHIG-IN	Compact2 Ethernet Gateway Module
OPT-3-LOCMO	E3 Local Mouse
OPT-2-LOCMO	P2 Local Mouse

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(115)

DM Jones, R&D Director, Welshpool, 22.03.22





UK DECLARATION OF CONFORMITY

FOR

OPT-2-CASCD-IN	Cascade Output Module
OPT-2-EXTIO-IN	Extension IO Module
OPT-2-ENCOD-IN	Line (Incremental) encoder Module
OPT-2-ENCHT-IN	Line (24V HTL) encoder Module
OPT-2-ENDAT2-IN	Endat encoder Module 2nd Gen
OPT-2-PTXIN-IN	PT100/1000 Thermistor Module
OPT-2-SINCOS2-IN	SinCos encoder Module 2nd Gen

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(116)

DM Jones, R&D Director, Welshpool, 22.03.22

