



EU 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 European harmonised standards:

Safety:

EN 61800-5-1:2007 Adjustable speed electrical power drive systems.
& A11:2021 Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007).

EMC:

EN 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:

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)
2014/35/EU (LVD)
2014/53/EU (RED)
2011/65/EU (RoHS) modified by delegated directive 2015/863

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

Inverterk European Authorised Representative:
INVERTEK DRIVES IBERICA S.L.,
C/Fondo 25, Nave 14, P.I.Can Coll,
08185, Lliçà de Vall, Barcelona, Spain





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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**

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DM Jones, R&D Director, Welshpool, 22.03.22

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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
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DM Jones, R&D Director, Welshpool, 22.03.22

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FOR

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

**BACNet Splitter
RS485 Splitter
RS485 Splitter (Gen2)**

Invertek Drives Ltd
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DM Jones, R&D Director, Welshpool, 22.03.22

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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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DM Jones, R&D Director, Welshpool, 22.03.22

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FOR

| | |
|-----------------------|-----------------------------|
| OPT-2-EI010-** | EMC Filter 240V 10A |
| OPT-2-EI025-** | 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 |

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

Safety:

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

EMC:

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

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).

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DM Jones, R&D Director, Welshpool, 22.03.22

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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

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United Kingdom

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

Safety:

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

EMC:

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

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).

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2011/65/EU (RoHS) modified by delegated directive 2015/863

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DM Jones, R&D Director, Welshpool, 22.03.22

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| | |
|-----------------------|----------------------------------|
| 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 |

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

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:

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2014/35/EU (LVD)
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DM Jones, R&D Director, Welshpool, 22.03.22

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EU 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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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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ODP-2ROUT-IN
OPT-3-2ROUT-IN
OPT-2-CANIO-IN
OPT-2-RJHUB-IN
OPT-HVACO-IN
OPT-LOGIP-11
OPT-LOGIP-23
OPT-2-ETHEG-IN
OPC-2-ETHIG-IN
OPT-3-LOCMO
OPT-2-LOCMO

Dual Relay Output Option Module
Dual Relay Output Option Module
Din-Rail expansion module with CanOpen
Din-Rail expansion module with RS485
HVAC Option Module
110V Logic Input Option Module
230V Logic Input Option Module
Ethernet Gateway Module
Compact2 Ethernet Gateway Module
E3 Local Mouse
P2 Local Mouse

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| | |
|-------------------------|--|
| 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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