

# DECLARATION OF CONFORMITY

FOR

**OPT-2-OPOINT-EMK** Optipoint (ODE-2 & ODP-2) Remote Keypad  
**OPT-2-OPPAD-EMK** ODE-2 & ODP-2/HVAC OLED OptiPad - 7 Button Hand/Auto

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

hereby declares that the option products listed above, when used in accordance with the relevant user guides and installation instructions, comply with the following European harmonised standards:

**Safety:**

EN 61800-5-1:2007 Adjustable speed electrical power drive systems.  
Safety requirements. Electrical, thermal and energy.

**EMC:**

EN61800-3:2004 Adjustable speed electrical power drive systems.  
/A1:2012 EMC requirements and specific test methods

**following provision of the council directives:**

2014/30/EU (EMC)  
2014/35/EU (LVD)  
2011/65/EU (RoHS)

**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.

(103)



DM Jones  
R&D Director  
Invertek Drives Ltd

**Welshpool, 18.01.2018**

# DECLARATION OF CONFORMITY

FOR

**OPT-J4505-EMK**    **RJ45 0.5m Cable**  
**OPT-J4510-EMK**    **RJ45 1.0m Cable**  
**OPT-J4530-EMK**    **RJ45 3.0m Cable**

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**EMC:**

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/A1:2012              EMC requirements and specific test methods

**following provision of the council directives:**

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2014/35/EU (LVD)  
2011/65/EU (RoHS)

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(104)



DM Jones  
R&D Director  
Invertek Drives Ltd

**Welshpool, 18.01.2018**

# DECLARATION OF CONFORMITY

FOR

**OPT-2-ETHNT-EMKODP-2 Profibus Communication Module**  
**OPT-2-PROFB-EMK ODP-2 Ethernet Communication Module**

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

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Safety requirements. Electrical, thermal and energy.

**EMC:**

EN61800-3:2004 Adjustable speed electrical power drive systems.  
/A1:2012 EMC requirements and specific test methods

**following provision of the council directives:**

2014/30/EU (EMC)  
2014/35/EU (LVD)  
2011/65/EU (RoHS)

**Supplementary Note:**

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(106)



DM Jones  
R&D Director  
Invertek Drives Ltd

**Welshpool, 18.01.2018**

# DECLARATION OF CONFORMITY

## FOR

OPT-2-EI010-20-EMK Filter Size 1, 220-240V, 10A, 1ph/3ph, CNW102.9/10  
OPT-2-EI010-66-EMK Filter Size 1, 220-240V, 10A, 1ph/3ph, CNW102.9-10-IP66  
OPT-2-EI025-20-EMK Filter Size 2, 220-240V, 25A, 1ph/3ph, CNW102.9/25  
OPT-2-EI025-66-EMK Filter Size 2, 220-240V, 25A, 1ph/3ph, CNW102.9-25-IP66  
OPT-2-E3006-20-EMK Filter Size 1, 380-480V, 6A, 3ph, CNW114.9/6  
OPT-2-E3006-66-EMK Filter Size 1, 380-480V, 6A, 3ph, CNW114.9-6-600-IP66  
OPT-2-E3016-20-EMK Filter Size 2, 380-480V, 16A, 3ph, CNW114.9/16  
OPT-2-E3016-66-EMK Filter Size 2, 380-480V, 16A, 3ph, CNW114.9-16-600-IP66  
OPT-2-E3025-20-EMK Filter Size 3, 380-480V, 25A, 3ph, CNW114.9/25  
OPT-2-E3025-66-EMK Filter Size 3, 380-480V, 25A, 3ph, CNW114.9-25-600-IP66  
OPT-2-E3050-20-EMK Filter Size 4, 380-480V, 50A, 3ph, CNW114/50  
OPT-2-E3080-20-EMK Filter Size 5, 380-480V, 80A, 3ph, CNW114/80  
OPT-2-E3180-20-EMK Filter Size 6, 380-480V, 180A, 3ph, CNW114/180  
OPT-2-E3300-00-EMK Filter Size 7, 380-480V, 300A, 3ph, CNW114/300

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Welshpool, Powys. SY21 8JF  
United Kingdom

hereby declares that the option products listed above, when used in accordance with the relevant user guides and installation instructions, comply with the following European harmonised standards:

### Safety:

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

### EMC:

EN61800-3:2004 Adjustable speed electrical power drive systems.  
/A1:2012 EMC requirements and specific test methods

### following provision of the council directives:

2014/30/EU (EMC)  
2014/35/EU (LVD)  
2011/65/EU (RoHS)

### Supplementary Note:

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DM Jones  
R&D Director  
Invertek Drives Ltd

Welshpool, 18.01.2018

# DECLARATION OF CONFORMITY

FOR

**OD-BR100-EMK    Braking Resistor 100R, EMK**  
**OD-BRES4-EMK    Optidrive Size 4 Braking Resistor 500W, EMK**

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

hereby declares that the option products listed above, when used in accordance with the relevant user guides and installation instructions, comply with the following European harmonised standards:

**Safety:**

EN 60204-1:2011                      Safety of Machinery – Electrical equipment of machines  
Part1: General requirements.

**EMC:**

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

**following provision of the council directives:**

2014/30/EU (EMC)  
2014/35/EU (LVD)  
2011/65/EU (RoHS)

**Supplementary Note:**

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DM Jones  
R&D Director  
Invertek Drives Ltd

**Welshpool, 18.01.2018**

# DECLARATION OF CONFORMITY

## FOR

OPT-2-LI016-20-EMK 1ph AC Input Choke - 16A, IP20, CNW901/16  
OPT-2-LI016-66-EMK 1ph AC Input Choke - 16A, IP66, CNWM901/16 IP55  
OPT-2-LI025-20-EMK 1ph AC Input Choke - 25A, IP20, CNW901/25  
OPT-2-LI025-66-EMK 1ph AC Input Choke - 25A, IP66, CNWM901/25 IP55  
OPT-2-L3006-20-EMK 3ph AC Input Choke - 6A, IP20, CNW903/6  
OPT-2-L3006-66-EMK 3ph AC Input Choke - 6A, IP66, CNW903/6-600  
OPT-2-L3010-20-EMK 3ph AC Input Choke - 10A, IP20, CNW903/10  
OPT-2-L3010-66-EMK 3ph AC Input Choke - 10A, IP66, CNW903/10-600  
OPT-2-L3018-66-EMK 3ph AC Input Choke - 18A, IP66, CNW903/18-600  
OPT-2-L3036-20-EMK 3ph AC Input Choke - 36A, IP20, CNW903/36  
OPT-2-L3050-20-EMK 3ph AC Input Choke - 50A, IP20, CNW903/50  
OPT-2-L3090-20-EMK 3ph AC Input Choke - 90A, IP20, CNW903/90  
OPT-2-L3200-00-EMK 3ph AC Input Choke - 200A, IP00, CNW905-CL/200  
OPT-2-L3300-00-EMK 3ph AC Input Choke - 300A, IP00, CNW905-CL/300

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United Kingdom

hereby declares that the option products listed above, when used in accordance with the relevant user guides and installation instructions, comply 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.

### following provision of the council directives:

2014/30/EU (EMC)  
2014/35/EU (LVD)  
2011/65/EU (RoHS)

### Supplementary Note:

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DM Jones  
R&D Director  
Invertek Drives Ltd

Welshpool, 18.01.2018

# DECLARATION OF CONFORMITY

FOR

**OPT-2-EXTIO-EMK**

**Extension IO Module (ODP-2) - Plain Branded for EMK**

Invertek Drives Ltd  
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United Kingdom

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**Safety:**

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Safety requirements. Electrical, thermal and energy.

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/A1:2012              EMC requirements and specific test methods

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2011/65/EU (RoHS)

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DM Jones  
R&D Director  
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**Welshpool, 18.01.2018**