EU DECLARATION OF CONFORMITY

FOR

The **Vector VS series** product range

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

hereby declares, under our sole responsibility, 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 +A1:2017+A11:2021	Adjustable speed electrical power drive systems. Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007).

EMC:

EN 61800-3:2004 + A1:2012	Adjustable speed electrical power drive systems. Part 3: EMC requirements and specific test methods (IEC 61800-3:2004).

Eco-design:

EN 61800-9-2:2017	Adjustable speed electrical power drive systems. Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications – Energy efficiency indicators for power drive systems and motor starters (IEC 61800-9-2:2017).

RoHS:

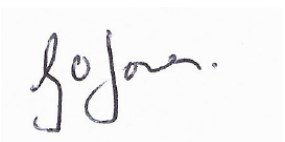
EN IEC 63000:2018	Tech documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of the council directives:

2014/30/EU (EMC)
2014/35/EU (LVD)
2024/1781/EU Sustainable Products Regulation
2011/65/EU (RoHS) modified by delegated directive 2015/863

Supplementary Notes:

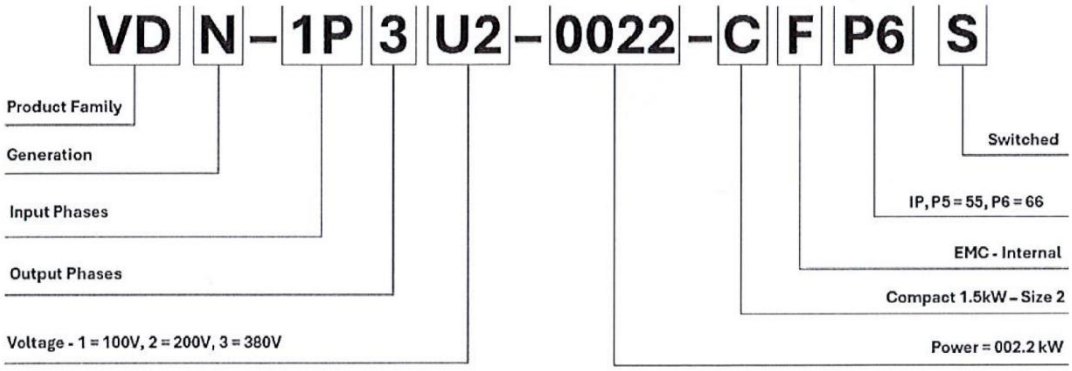
CE The CE marking and conformity are only valid if the product has been installed in a drive system in accordance with the product User Guide delivered with the product.



G Jones,
R&D Director,
Invertek Drives Ltd.
Welshpool, 26.11.2025

Invertek European Authorised Representative:

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



Model equivalence table of **Vector VS** and **Invertek** drives are listed below:-

IP20				
Single Phase Input - Single Phase Output				
IP20, 1Ph. Input, 1Ph. Output, 110-115V without EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-110070-1012-01	VDN-1P1U1-0003	0.37	7	1
ODE-3-210105-1042-01	VDN-1P1U1-0005	0.55	10.5	2
IP20, 1Ph. Input, 1Ph. Output, 200-240V with EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120043-1F12-01	VDN-1P1U2-0003-F	0.37	4.3	1
ODE-3-120070-1F12-01	VDN-1P1U2-0007-F	0.75	7	1
ODE-3-220105-1F42-01	VDN-1P1U2-0011-F	1.1	10.5	2
IP20, 1Ph. Input, 1Ph. Output, 200-240V without EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120043-1012-01	VDN-1P1U2-0003	0.37	4.3	1
ODE-3-120070-1012-01	VDN-1P1U2-0007	0.75	7	1
ODE-3-220105-1042-01	VDN-1P1U2-0011	1.1	10.5	2
Single Phase Input - Three Phase Output				
IP20, 1 Ph. Input, 3 Ph. Output, 110-115V without EMC Filter Voltage Doubler				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-110023-1012	VDN-1P3U1D-0003	0.37	2.3	1
ODE-3-110043-1012	VDN-1P3U1D-0007	0.75	4.3	1
ODE-3-210058-1042	VDN-1P3U1D-0011	1.1	**5.8**	2
IP20, 1 Ph. Input, 3 Ph. Output, 200-240V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-1F12	VDN-1P3U2-0003-F	0.37	2.3	1
ODE-3-120043-1F12	VDN-1P3U2-0007-F	0.75	4.3	1
ODE-3-120070-1F12	VDN-1P3U2-0015-F	1.5	7	1
ODE-3-220105-1F42	VDN-1P3U2-0022-F	2.2	10.5	2
IP20, 1 Ph. Input, 3 Ph. Output, 200-240V without EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-1012	VDN-1P3U2-0003	0.37	2.3	1
ODE-3-120043-1012	VDN-1P3U2-0007	0.75	4.3	1
ODE-3-120070-1012	VDN-1P3U2-0015-C	1.5	7	1
ODE-3-220070-1042	VDN-1P3U2-0015	1.5	7	1
ODE-3-220105-1042	VDN-1P3U2-0022	2.2	10.5	2
ODE-3-320153-1042	VDN-1P3U2-0040	4	15.3	3

Three Phase Input - Three Phase Output				
IP20, 3 Ph. Input, 3 Ph. Output, 200-240V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-220105-3F42	VDN-3P3U2-0022-F	2.2	10.5	2
ODE-3-320180-3F42	VDN-3P3U2-0040-F	4	18	3
ODE-3-320240-3F42	VDN-3P3U3-0055-F	5,5	24	3
ODE-3-420300-3F42	VDN-3P3U2-0075-F	7.5	30	4
ODE-3-420460-3F42	VDN-3P3U2-0110-F	11	46	4
IP20, 3 Ph. Input, 3 Ph. Output, 200-240V without EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-3012	VDN-3P3U2-0003	0.37	2.3	1
ODE-3-120043-3012	VDN-3P3U2-0007	0.75	4.3	1
ODE-3-120070-3012	VDN-3P3U2-0015-C	1.5	7	1
ODE-3-220070-3042	VDN-3P3U2-0015	1.5	7	2
ODE-3-220105-3042	VDN-3P3U2-0022	2.2	10,5	2
ODE-3-320180-3042	VDN-3P3U2-0040	4	18	3
ODE-3-320240-3042	VDN-3P3U2-0055	5.5	24	3
ODE-3-420300-3042	VDN-3P3U2-0075	7.5	30	4
ODE-3-420460-3042	VDN-3P3U2-0110	11	46	4
ODE-3-520610-3042	VDN-3P3U2-0150	15	61	5
ODE-3-520720-3042	VDN-3P3U2-0185	18.5	72	5
IP20, 3 Ph. Input, 3 Ph. Output, 380-480V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-140022-3F12	VDN-3P3U3-0007-F	0.75	2.2	1
ODE-3-140041-3F12	VDN-3P3U3-0015-F	1.5	4.1	1
ODE-3-240058-3F42	VDN-3P3U3-0022-F	2.2	5.8	2
ODE-3-240095-3F42	VDN-3P3U3-0040-F	4	9.5	2
ODE-3-340140-3F42	VDN-3P3U3-0055-F	5.5	14	3
ODE-3-340180-3F42	VDN-3P3U3-0075-F	7.5	18	3
ODE-3-340240-3F42	VDN-3P3U3-0110-F	11	24	3
ODE-3-440300-3F42	VDN-3P3U3-0150-F	15	30	4
ODE-3-440390-3F42	VDN-3P3U3-0185-F	18.5	39	4
ODE-3-440460-3F42	VDN-3P3U3-0220-F	22	46	4
ODE-3-540610-3F42	VDN-3P3U3-0300-F	30	61	5
ODE-3-540720-3F42	VDN-3P3U3-0370-F	37	72	5
IP20, 3 Ph. Input, 3 Ph. Output, 380-480V without EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-140022-3012	VDN-3P3U3-0007	0.75	2.2	1
ODE-3-140041-3012	VDN-3P3U3-0015-C	1.5	4.1	1
ODE-3-240041-3042	VDN-3P3U3-0015	1.5	4.1	2
ODE-3-240058-3042	VDN-3P3U3-0022	2.2	5.8	2
ODE-3-240095-3042	VDN-3P3U3-0040	4	9.5	2
ODE-3-340140-3042	VDN-3P3U3-0055	5.5	14	3
ODE-3-340180-3042	VDN-3P3U3-0075	7.5	18	3
ODE-3-340240-3042	VDN-3P3U3-0110	11	24	3
ODE-3-440300-3042	VDN-3P3U3-0150	15	30	4
ODE-3-440390-3042	VDN-3P3U3-0185	18.5	39	4
ODE-3-440460-3042	VDN-3P3U3-0220	22	46	4
ODE-3-540610-3042	VDN-3P3U3-0300	30	61	5
ODE-3-540720-3042	VDN-3P3U3-0370	37	72	5

IP66				
Single Phase Input - Single Phase Output				
IP66 Non-Switched, 1Ph. Input, 1Ph. Output, 200-240V with internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120043-1F1A-01	VDN-1P1U2-0003-FP6	0.37	4.3	1
ODE-3-120070-1F1A-01	VDN-1P1U2-0007-FP6	0.75	7	1
ODE-3-220105-1F4A-01	VDN-1P1U2-0011-FP6	1.1	10.5	2
IP66 Switched, 1Ph. Input, 1Ph. Output, 200-240V with EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120043-1F1B-01	VDN-1P1U2-0003-FP6S	0.37	4.3	1
ODE-3-120070-1F1B-01	VDN-1P1U2-0007-FP6S	0.75	7	1
ODE-3-220105-1F4B-01	VDN-1P1U2-0011-FP6S	1.1	10.5	2
IP66 Switched, 1Ph. Input, 1Ph. Output, 200-240V without EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120043-101B-01	VDN-1P1U2-0003-P6S	0.37	4.3	1
ODE-3-120070-101B-01	VDN-1P1U2-0007-P6S	0.75	7	1
ODE-3-220105-104B-01	VDN-1P1U2-0011-P6S	1.1	10.5	2
Single Phase Input - Three Phase Output				
IP66 Non-Switched, 1 Ph. Input, 3 Ph. Output, 110-115V without EMC Filter Voltage Doubler				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-110023-101A	VDN-1P3U1D-0003-P6	0.37	2.3	1
ODE-3-110043-101A	VDN-1P3U1D-0007-P6	0.75	4.3	1
ODE-3-210058-104A	VDN-1P3U1D-0011-P6	1.1	5.8	2
IP66 Switched, 1 Ph. Input, 3 Ph. Output, 110-115V without EMC Filter Voltage Doubler				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-110023-101B	VDN-1P3U1D-0003-P6S	0.37	2.3	1
ODE-3-110043-101B	VDN-1P3U1D-0007-P6S	0.75	4.3	1
ODE-3-210058-104B	VDN-1P3U1D-0011-P6S	1.1	5.8	2
IP66 Non-Switched, 1 Ph. Input, 3 Ph. Output, 200-240 with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-1F1A	VDN-1P3U2-0003-FP6	0.37	2.3	1
ODE-3-120043-1F1A	VDN-1P3U2-0007-FP6	0.75	4.3	1
ODE-3-120070-1F1A	VDN-1P3U2-0015-CFP6	1.5	7	1
ODE-3-220070-1F4A	VDN-1P3U2-0015-FP6	1.5	7	2
ODE-3-220105-1F4A	VDN-1P3U2-0022-FP6	2.2	10.5	2
ODE-3-320153-1F4A	VDN-1P3U2-0040-FP6	4	15.3	3
IP66 Non-Switched, 1 Ph. Input, 3 Ph. Output, 200-240V without Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-101A	VDN-1P3U2-0003-P6	0.37	2.3	1
ODE-3-120043-101A	VDN-1P3U2-0007-P6	0.75	4.3	1
ODE-3-120070-101A	VDN-1P3U2-0015-CP6	1.5	7	1
ODE-3-220070-104A	VDN-1P3U2-0015-P6	1.5	7	2
ODE-3-220105-104A	VDN-1P3U2-0022-P6	2.2	10.5	2
ODE-3-320153-104A	VDN-1P3U2-0040-P6	4	15.3	3

IP66				
Single Phase Input - Single Phase Output				
IP66 Switched, 1 Ph. Input, 3 Ph. Output, 200-240V without Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-101B	VDN-1P3U2-0003-P6S	0.37	2.3	1
ODE-3-120043-101B	VDN-1P3U2-0007-P6S	0.75	4.3	1
ODE-3-120070-101B	VDN-1P3U2-0015-CP6S	1.5	7	1
ODE-3-220070-104B	VDN-1P3U2-0015-P6S	1.5	7	2
ODE-3-220105-104B	VDN-1P3U2-0022-P6S	2.2	10.5	2
ODE-3-320153-104B	VDN-1P3U2-0040-P6S	4	15.3	3
IP66 Switched, 1 Ph. Input, 3 Ph. Output, 200-240V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-1F1B	VDN-1P3U2-0003-FP6S	0.37	2.3	1
ODE-3-120043-1F1B	VDN-1P3U2-0007-FP6S	0.75	4.3	1
ODE-3-120070-1F1B	VDN-1P3U2-0015-CFP6S	1.5	7	1
ODE-3-220070-1F4B	VDN-1P3U2-0015-FP6S	1.5	7	2
ODE-3-220105-1F4B	VDN-1P3U2-0022-FP6S	2.2	10.5	2
ODE-3-320153-1F4B	VDN-1P3U2-0040-FP6S	4	15.3	3

IP66				
Three Phase Input - Three Phase Output				
IP66, Non-Switched 3 Ph. Input, 3 Ph. Output, 200-240V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-3F1A	VDN-3P3U2-0003-FP6	0.37	2.3	1
ODE-3-120043-3F1A	VDN-3P3U2-0007-FP6	0.75	4.3	1
ODE-3-120070-3F1A	VDN-3P3U2-0015-CFP6	1.5	7	1
ODE-3-220070-3F4A	VDN-3P3U2-0015-FP6	1.5	7	2
ODE-3-220105-3F4A	VDN-3P3U2-0022-FP6	2.2	10.5	2
ODE-3-320180-3F4A	VDN-3P3U2-0040-FP6	4	18	3
ODE-3-320240-3F4A	VDN-3P3U2-0055-FP6	5.5	24	3
ODE-3-420300-3F4A	VDN-3P3U2-0075-FP6	7.5	30	4
ODE-3-420460-3F4A	VDN-3P3U2-0110-FP6	11	46	4
IP66, Non-Switched 3 Ph. Input, 3 Ph. Output, 200-240V without Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-301A	VDN-3P3U2-0003-P6	0.37	2.3	1
ODE-3-120043-301A	VDN-3P3U2-0007-P6	0.75	4.3	1
ODE-3-120070-301A	VDN-3P3U2-0015-CP6	1.5	7	1
ODE-3-220070-304A	VDN-3P3U2-0015-P6	1.5	7	2
ODE-3-220105-304A	VDN-3P3U2-0022-P6	2.2	10.5	2
ODE-3-320180-304A	VDN-3P3U2-0040-P6	4	18	3
ODE-3-320240-304A	VDN-3P3U2-0055-P6	5.5	24	3
ODE-3-420300-304A	VDN-3P3U2-0075-P6	7.5	30	4
ODE-3-420460-304A	VDN-3P3U2-0110-P6	11	46	4

IP66				
Single Phase Input - Single Phase Output				
IP66, Non-Switched 3 Ph. Input, 3 Ph. Output, 380-480V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-140022-3F1A	VDN-3P3U3-0007-FP6	0.75	2.2	1
ODE-3-140041-3F1A	VDN-3P3U3-0015-CFP6	1.5	4.1	1
ODE-3-240041-3F4A	VDN-3P3U3-0015-FP6	1.5	4.1	2
ODE-3-240058-3F4A	VDN-3P3U3-0022-FP6	2.2	5.8	2
ODE-3-240095-3F4A	VDN-3P3U3-0040-FP6	4	9.5	2
ODE-3-340140-3F4A	VDN-3P3U3-0055-FP6	5.5	14	3
ODE-3-340180-3F4A	VDN-3P3U3-0075-FP6	7.5	18	3
ODE-3-340240-3F4A	VDN-3P3U3-0110-FP6	11	24	4
ODE-3-440300-3F4A	VDN-3P3U3-0150-FP6	15	30	4
ODE-3-440390-3F4A	VDN-3P3U3-0185-FP6	18.5	39	4
ODE-3-440460-3F4A	VDN-3P3U3-0220-FP6	22	46	4
IP66, Non-Switched 3 Ph. Input, 3 Ph. Output, 380-480V without Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-140012-301A	VDN-3P3U3-0003-P6	0.37	1.2	1
ODE-3-140022-301A	VDN-3P3U3-0007-P6	0.75	2.2	1
ODE-3-140041-301A	VDN-3P3U3-0015-CP6	1.5	4.1	1
ODE-3-240041-304A	VDN-3P3U3-0015-P6	1.5	4.1	2
ODE-3-240058-304A	VDN-3P3U3-0022-P6	2.2	5.9	2
ODE-3-240095-304A	VDN-3P3U3-0040-P6	4	9.5	2
ODE-3-340140-304A	VDN-3P3U3-0055-P6	5.5	14	3
ODE-3-340180-304A	VDN-3P3U3-0075-P6	7.5	18	3
ODE-3-340240-304A	VDN-3P3U3-0110-P6	11	24	3
IP66 Switched, 3 Ph. Input, 3 Ph. Output, 200-240V with Internal EMC Filter				
Invertek Reference	**Vector VS Reference**	**Power**	**AMP**	**Frame**
ODE-3-120023-3F1B	VDN-3P3U2-0003-FP6S	0.37	2.3	1
ODE-3-120043-3F1B	VDN-3P3U2-0007-FP6S	0.75	4.3	1
ODE-3-120070-3F1B	VDN-3P3U2-0015-CFP6S	1.5	7	1
ODE-3-220070-3F4B	VDN-3P3U2-0015-FP6S	1.5	7	2
ODE-3-220105-3F4B	VDN-3P3U2-0022-FP6S	2.2	10.5	2
ODE-3-320180-3F4B	VDN-3P3U2-0040-FP6S	4	18	3
ODE-3-320240-3F4B	VDN-3P3U2-0055-FP6S	5.5	24	3
ODE-3-420300-3F4B	VDN-3P3U2-0075-FP6S	7.5	30	4
ODE-3-420460-3F4B	VDN-3P3U2-0110-FP6S	11	48	4