

UK 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 UK designated standards:

Safety:

BS 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:

BS 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:

BS EN IEC 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:

BS EN 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 UK regulations:

Electromagnetic Compatibility Regulations 2016 (1091)
Electrical Equipment (Safety) Regulations 2016 (1101)
The Ecodesign for Energy-Related Products and Energy Information (Amendment) Regulations 2021 (1097)
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (Amendment) Regulations 2023 (658)

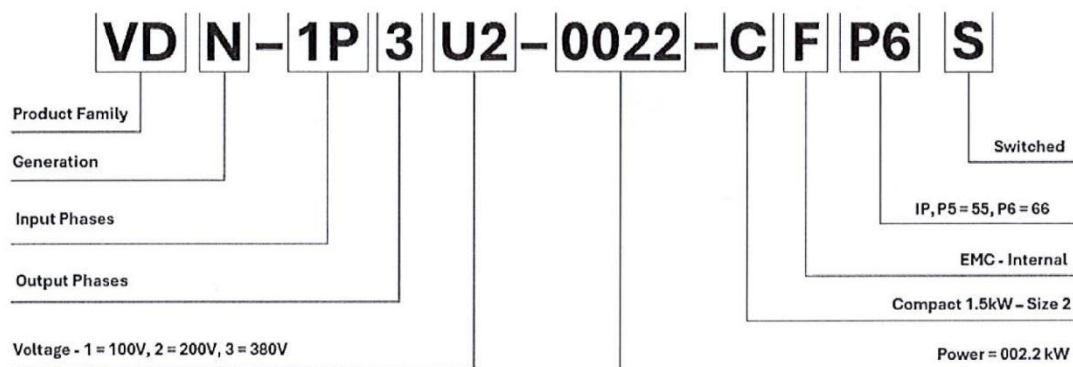
Supplementary Notes:

**UK
CA**

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



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 |