



EU Declaration of Conformity

**IMO Precision Controls Ltd
The Interchange,
Frobisher Way
Hatfield,
Hertfordshire,
AL10 9TG**

declare under our sole responsibility that the following product/s

**IMO XKL Inverters
XKL
followed by 40, 75, 150 or 220, followed by 21 or 43**

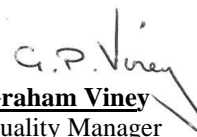
to which this declaration relates, are in conformity with the requirements of the following standards and other normative documents

EN 61800-3:2004+ A1:2012	Adjustable speed electrical power drive systems. EMC requirements and specific test methods
EN 61800-5-1:2007	Adjustable speed electrical power drive systems. Safety requirements. Electrical, thermal and energy

and therefore conform to the protection requirements of the Council Directives

2014/30/EU	relating to Electromagnetic Compatibility
2014/35/EU	relating to Low Voltage Directive

When installing the XKL Drives, all requirements of EN 61800-5-1:2007 must be fulfilled and it should be suitably installed in closed electrical operation area, and fire/mechanical protection enclosure shall be provided. Maximum operating temperature is 50°C. The input and output circuits were considered as DVC C circuits and signal circuit was considered as DVC A circuit. TN-S, TN-C, TN-C-S and TT (not corner earthed) power systems were evaluated. The Drive has no overcurrent protective device. For safety operation, a suitable external circuit breaker must be employed before installation.


Graham Viney
Quality Manager
IMO Precision Controls Ltd.
Dated: 01/09/17

Rated Input and Output

Model	Rated Input	Rated Output
XKL-040-21	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 6.5A	3PH, 0V-Uinput, 0-400Hz, 2.5A
XKL-075-21	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 9.3A	3PH, 0V-Uinput, 0-400Hz, 4.2A
XKL-150-21	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 15.7A	3PH, 0V-Uinput, 0-400Hz, 7.5A
XKL-220-21	1PH, 220V(-15%)-240V(+10%), 47-63Hz, 24A	3PH, 0V-Uinput, 0-400Hz, 10A
XKL-075-43	3PH, 380V(-15%)-240V(+10%), 47-63Hz, 3.2A	3PH, 0V-Uinput, 0-400Hz, 2.5A
XKL-150-43	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 4.3A	3PH, 0V-Uinput, 0-400Hz, 4.2A
XKL-220-43	3PH, 220V(-15%)-240V(+10%), 47-63Hz, 7.1A	3PH, 0V-Uinput, 0-400Hz, 5.5A