



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

**Rapid Shutdown System – Emergency Rapid Shutdown Switch
FRS-ESW1, FRS-ESW1-K, FRS-ESW2 and FRS-ESW2-K**

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

Enclosure

EN 62208:2011

Empty enclosures for low-voltage switchgear and controlgear assemblies. General requirements

Cable Gland

EN 60947-1:2004

Low-voltage switchgear and controlgear. General rules

Switch

EN 60947-5-1:2009-07 Ed 3.1

Control circuit devices and switching elements. Electromechanical control circuit devices.

EN 60204-1:2009-02 Ed 5.1

Electrical Equipment of Machines. General requirements.

PSU

EN 60950-1:2001 + A11

Information technology equipment. Safety. General requirements

EN 55022:2006

Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement

EN 61000-3-2:2006

Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2005

Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 61000-4-2

Electromagnetic compatibility (EMC). Testing and measurement techniques. Electrostatic discharge immunity test

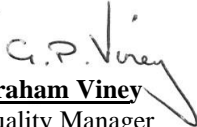
EN 61000-4-3

Electromagnetic compatibility (EMC). Testing and measurement techniques. Radiated, radio-frequency, electromagnetic field immunity test

EN 61000-4-4	Electromagnetic compatibility (EMC). Testing and measurement techniques. Electrical fast transient/burst immunity test
EN 61000-4-5	Electromagnetic compatibility (EMC). Testing and measurement techniques. Surge immunity test
EN 61000-4-6	Electromagnetic compatibility (EMC). Testing and measurement techniques. Immunity to conducted disturbances, induced by radio-frequency fields
EN 61000-4-8	Electromagnetic compatibility (EMC). Testing and measurement techniques. Power frequency magnetic field immunity test
EN 61000-4-11	Electromagnetic compatibility (EMC). Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests

and therefore conform to the protection requirements of the Council Directives

2011/65/EU	relating to RoHS
2014/30/EU	relating to Electromagnetic Compatibility
2014/35/EU	relating to Low Voltage Directive


Graham Viney
 Quality Manager
 IMO Precision Controls Ltd.
 Dated: 02/03/18