ATEX Category 3 Certificate

Certificate of Conformity for Group II Category 3 G equipment in accordance with Directive 2014/34/EU.

Certificate relating to the following products:-

FP32 Surge Protector

This equipment fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 2014/34/EU when installed according to the Special Conditions of Safe Use listed below. The design complies with EN IEC 60079-0:2018 and EN 60079-15:2010. The analysis is fully documented in Technical File TF_SRG01.

The equipment in normal operation is incapable of producing arcs, sparks or hot surfaces which may cause ignition and is designed to be installed and used in accordance with EN 60079-14:2014. Note Special Conditions of Safe Use below.

The required marking of the apparatus is as specified in the Technical File referenced above and includes the distinctive community mark:

In addition, the marking will include the CENELEC codes:

Ex nA IIC T4 Gc

The nA applies to the non-sparking connections, and also signifies that the equipment is incapable in normal operation of producing sparks or hot surfaces that may cause ignition.

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The ambient temperature limitation for the equipment is -30°C to +70°C.

Manufacture is controlled by an ISO9001 approved system.

The apparatus meets the ATEX Directive requirements for electromagnetic radiation by complying with the EMC Directive 2014/30/EU.

The standards published in the Official Journal of the European Commission with reference to the Low Voltage Directive 2014/35/EU have been used to fulfil the requirements of 1.2.7 of Annex II of directive 2014/34/EU to avoid electrical risks.

If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to Special Conditions of Safe Use specified elsewhere in this certificate.

Special Conditions of Safe Use

a. The equipment must be installed in an area of not more than Pollution Degree 2 as defined in IEC60664-1, and in an enclosure that provides a degree of protection of at least IP54 and meets the relevant requirements of EN IEC 60079-0:2018 and EN 60079-15:2010.

b. All connections to the equipment must not be inserted or removed unless the area in which the equipment is installed is known to be non-hazardous, or the circuit to which it is connected has been de-energised.

c. The power for this equipment must be derived from a regulated power supply complying with the requirements of European Community Directives.

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Stewart Parfitt
Engineering Director
Luton
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