

Declaration of Conformity

Incorporating Attestation of Conformity to ATEX Directive

We, **Eaton Electric Limited**, Great Marlings, Luton, Bedfordshire, United Kingdom. LU2 8DL

declare under our sole responsibility that the **FS32-XE Surge Protector** listed below, to which this declaration relates, conform with the requirements of the Directives below by compliance with the standards listed.

RoHS Directive - Council Directive 2011/65/EU amended by **Council Directive 2015/863/EU** relating to hazardous substances in electrical and electronic equipment

The object of the declaration above is in conformity with Directives 2011/65/EU and 2015/863/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of 10 hazardous substances in electrical and electronic equipment. Compliance is demonstrated in accordance with EN IEC 63000:2018.

We attest under our sole responsibility that the **F93-XE product** conforms with the requirements of the directive below by compliance with the standards listed:

ATEX Directive - Council Directive 2014/34/EU relating to equipment and protective systems intended for use in potentially explosive atmospheres.

- c. EN IEC 60079-0:2018
- d. EN IEC 60079-7:2015+A1:2018†
- e. EN 60079-18:2015+A1:2017

† Where products were initially assessed for compliance with the Essential Health and Safety Requirements of the Directive using earlier harmonised standards, a subsequent review has determined that compliance is unaffected by the current harmonised standard(s) listed above.


Characteristics of component:

- a. The component is a surge protection device to protect the fieldbus trunk in FOUNDATION™ Fieldbus H1 networks.

Schedule of Limitations:

- a. The FS32-XE demonstrates a surface temperature rise of <5°C when operating in the most onerous operating conditions. A Temperature Classification of T4 in a +80°C ambient would be considered applicable.
- b. The FS32-XE is suitable for use within equipment with an Equipment Protection Level of Gb. The FS32-XE may also form part of a Group III circuit within equipment with an Equipment Protection Level of Db or be used within equipment supplying equipment located within a Group III area (i.e. Equipment Protection Level of [Db]).
- c. The FS32-XE must be installed in equipment such that it is afforded a degree of protection of at least IP54 in accordance with EN IEC 60079-0, EN 60079-7 and EN 60529.
- d. The equipment in which the FS32-XE is installed will not be capable of withstanding a 500Vac isolation test voltage between all inputs to earth. This must be taken into account during installation.
- e. The PCB Header connector must be mated with an appropriately certified connector. See manufacturer's instructions.

Products covered by this declaration:

Product	Description	ATEX ¹ Standards	Cat1/Cat2 ATEX Cert. No.	Cat3 ATEX Cert. No.	Certification
FS32-XE	Fieldbus Surge Protector	c, d, e	SGS20ATEX0120U	None	 II 2 G Ex eb mb IIC (-40°C ≤ Ta ≤ +80°C)

Notes:

- 1 Entries in this column may be either letter notation (a,b,c etc..) indicating which standards from page 1 apply

Notified Body responsible for issuing Cat 1 or 2 ATEX Certificates:

0598 SGS Fimko Oy, Helsinki, 00211, Finland

Notified Body responsible for ATEX QA regime:

0598 SGS Fimko Oy, Helsinki, 00211, Finland