



Manufacturer Declaration

No. EOL22(Ex)_MD_SBT1807

Manufacturer: Siemens Schweiz AG
Hersteller: Building Technologies Division
International Headquarters

Address: Theilerstrasse 1a
Anschrift: CH-6300 Zug / Switzerland

Product description: EOL22(Ex), End-of-line unit
Produktbezeichnung: (Number BPZ:5162220001)

Statement:

The designated product does not have an "own potential source of ignition" and therefore it is not subject to the ATEX Directive (EU Directive 2014/34/EU, article 1, clause 1(a) and 2, clause (1)).

The product meets the requirements given by the standard EN 60079-11:2012, "Electrical apparatus for explosive gas atmospheres, Part 11: Intrinsic safety "i"". Within the standard it falls into the category "simple apparatus" (clause 5.7 a), passive components). It has negligible internal inductance and capacity.

Ex-Classification: Ex ib IIC T4 ($T_a \leq +70^\circ\text{C}$). Only for connection to a certified safety barrier with $R_o \geq 280 \Omega$. Maximum values: $U_i = 28 \text{ V}$, $I_i = 100 \text{ mA}$, $P_i = 700 \text{ mW}$.

For further installation instruction please consult our document "Fire alarm signal in areas at risk of explosion", document number 001204.

The electronic circuit of the designated product consists of four passive components. It is not subject to the EMC Directive due to the inherent nature of the physical characteristics (EU Directive 2014/30/EU, article 2, clause 2(d)(i) and 2(d)(ii)).

Due to its inherent nature the product is not an 'electrical and electronic equipment' and therefore not subject of the RoHS Directive (EU Directive 2011/65/EU, article 2, clause 1 and article 3(1)). However, the product does not contain substances in concentrations and applications banned under the EU RoHS Directive.

CH-6300 Zug, 04.07.2018

Siemens Schweiz AG

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