


Micro Switches MS ...

EC-type examination certificate: IBExU 03 ATEX 1224 X

Type of explosion protection:  I M2 / II 2G Ex d(e) I/IIC T4 or T6
Degree of enclosure protection: min. IP 54

Ambient temperature range: - 20 °C to + 40 °C or 60 °C or 70 °C or 75 °C

Technical Specifications

Max. performance: U max. = depending on type (see certificate above)
I max. = depending on type (see certificate above)

Installation

The micro switches may be installed in any position. They are intended to be inserted and may not be directly exposed to light.

The enclosures in which the micro switches are inserted have to be able to resist the impact force according to EN 60 079-0, paragraph 26.4.2, required by the equipment category.

The micro switches with lead (cable tail) may be installed outside of enclosures if they are protected against direct light and if protective devices exist that guarantee an equal protection against impact as required by EN 60 079-0, paragraph 26.4.2.

The micro switches with terminals require installation inside enclosures of a type of protection according to EN 60 079-0, paragraph 1 (type of protection IP 54). This installation has to be especially verified and certified.

The lead (cable tail) of the micro switches, when installed with protective devices, has to be fixed and laid in a manner that it is sufficiently protected against mechanical damages.