******Surge protection is mandatory in accordance with NFPA 79 (2018 edition)**

# The NFPA 79 Electrical Standard for Industrial Machinery is one of the most important industry-specific standards in North America. As of the standard's current 2018 edition, surge protection is now also a mandatory component of all industrial machinery.

# The corresponding SPD types are selected depending on the location of the machine within the system. The VAL-US surge protection series is adapted to the requirements. Listed by UL as Type 1 devices, their installation is permitted in any location within the system.

# In order to prevent dangerous situations for personnel at the machine, any surge voltage may not cause damage to the safety circuits in the machine. Surge protective devices for the power supply are thus installed as closely to the feed-in point as possible. For safety reasons, the NFPA 79 governs topics related to electricity and electronics because these can result in dangerous conditions in the machine if implemented incorrectly.

**ENDS**

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**PR5079GB**

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