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Data Sheet 0.7/4

CE Declaration - CE Conformity Mark / Declaration of Conformity - European Directives

General

To guarantee the safe and correct operation of the equipment it must be installed and commissioned properly by qualified personnel. It is necessary to take particular note of the general and regional installation and safety regulations regarding work on high-voltage installations (e.g. IEC, EN, VDE). All HIGHVOLT products and services are based on these regulations.

Directive 2014/30/EU - EMC Directive

High-voltage test systems consist of single components and are erected on site according to the relevant installation instructions with regard to EMC and safety. These basic components do not have an intrinsic function until connected together. Therefore, the basic components are not allowed to be CE marked for compliance with the EMC Directive. The prerequisite for the compliance with the principal protection requirements according to the EMC Directive is the observance of the HIGHVOLT installation instructions contained in the HIGHVOLT documentation.

Devices that are operated independently^(*) and are covered by Directive 2014/30/EU, correspond to the EMC Directive for the industrial environments and are marked with the CE label. The valuation procedure for such equipment is carried out in compliance with the electromagnetic compatibility emission standard DIN EN 61000-6-4:2011 and immunity standard DIN EN 61000-6-2:2006 and corrigendum DIN EN 61000-6-2:2011.

Directive 2014/35/EU - Low Voltage Directive

Components with a nominal voltage higher than 1000 V/AC or 1500 V/DC are not included in the Low Voltage Directive. In this case, the particular regulations for the work with high-voltage installations higher than 1000 V/AC or 1500 V/DC have to be observed.

Devices that are operated independently^(*) and run with a nominal voltage from 50 V/AC to 1000 V/AC or 75 V/DC to 1500 V/DC are produced according to the Low Voltage Directive and get the CE marking. The valuation procedure for these devices is made, inter alia to the following standards:

DIN EN 61439-1:2012	Low-voltage switchgear and controlgear assemblies Part 1: General rules
DIN EN 61439-2:2012	Low-voltage switchgear and controlgear assemblies Part 2: Power switchgear and controlgear assemblies
DIN EN 61010-1:2011	Safety requirements for electrical equipment for measurement, control and laboratory use Part 1: General requirements

Directive 2006/42/EC - Machinery Directive

According to the Machinery Directive, Article 1 (2) I) high-voltage electrical equipment is excluded from the scope of this Directive.

- (*) Considered to be operated independently are devices which can be used independently of the corresponding high-voltage equipment. This might include measuring instruments, but not individual components such as switchgear and control cabinets.