

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-12049-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 16.08.2023

Date of issue: 23.02.2024

This annex is a part of the accreditation certificate D-PL-12049-01-00.

Holder of partial accreditation certificate:

CEcert GmbH
Alter Holzhafen 19a, 23966 Wismar

with the locations

CEcert GmbH
Alter Holzhafen 19, 23966 Wismar

CEcert GmbH
Alter Holzhafen 19a, 23966 Wismar

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

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**Electromagnetic compatibility (EMC),
Safety of electrical equipment (SEB) and environmental simulation**

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

**Flexible Scope Page: 3-51
Non-flexible Scope Page 52**

Technical field	Standard / Issue	Title of standard	Test area / reductions
Basic Standard			
EMC	DIN EN 61000-4-2:2009	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test (IEC 61000-4-2:2008); German version EN 61000-4-2:2009	
EMC	IEC 61000-4-2:2008	Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test	
EMC	DIN EN IEC 61000-4-3:2021	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3:2020); German version EN IEC 61000-4-3:2020	
EMC	IEC 61000-4-3:2020	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test	
EMC	DIN EN 61000-4-4:2013	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test (IEC 61000-4-4:2012); German version EN 61000-4-4:2012	
EMC	IEC 61000-4-4:2012	Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test	

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EMC	DIN EN 61000-4-5:2019	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test (IEC 61000-4-5:2014 + A1:2017); German version EN 61000-4-5:2014 + A1:2017	
EMC	IEC 61000-4-5:2014 + A1:2017	Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test	
EMC	DIN EN 61000-4-6:2014	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6:2013); German version EN 61000-4-6:2014	
EMC	IEC 61000-4-6:2013 + Corrigendum 1	Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields	
EMC	DIN EN 61000-4-8:2010	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test (IEC 61000-4-8:2009); German version EN 61000-4-8:2010	
EMC	IEC 61000-4-8:2009	Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement techniques – Power frequency magnetic field immunity test	

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EMC	DIN EN 61000-4-9:2017	Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Impulse magnetic field immunity test (IEC 61000-4-9:2016); German version EN 61000-4-9:2016	
EMC	IEC 61000-4-9:2016	Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Impulse magnetic field immunity test	
EMC	DIN EN IEC 61000-4-11:2021	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase (IEC 61000-4-11:2020 + COR1:2020); German version EN IEC 61000-4-11:2020 + AC:2020	Power supply single phase
EMC	IEC 61000-4-11:2020 + Corrigendum 1:2020	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase	Power supply single phase
EMC	DIN EN 61000-4-12:2019	Electromagnetic compatibility (EMC) - Part 4-12: Testing and measurement techniques - Ring wave immunity test (IEC 61000-4-12:2017); German version EN 61000-4-12:2017	
EMC	IEC 61000-4-12:2017	Electromagnetic compatibility (EMC) – Part 4-12: Testing and measurement techniques – Ring wave immunity test	

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EMC	DIN EN 61000-4-16:2016	Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz (IEC 61000-4-16:2015); German version EN 61000-4-16:2016	
EMC	IEC 61000-4-16:2015	Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	
EMC	DIN EN IEC 61000-4-18:2020	Electromagnetic compatibility (EMC) - Part 4-18: Testing and measurement techniques - Damped oscillatory wave immunity test (IEC 61000-4-18:2019 + COR1:2019); German version EN IEC 61000-4-18:2019 + AC:2019	Only SDOWG 6.2.1, no unshielded balanced cables
EMC	IEC 61000-4-18:2019 + Corrigendum 1:2020	Electromagnetic compatibility (EMC) – Part 4-18: Testing and measurement techniques – Damped oscillatory wave immunity test	Only SDOWG 6.2.1, no unshielded balanced cables
EMC	DIN EN 61000-4-29:2001	Electromagnetic compatibility (EMC) - Part 4-29: Testing and measurement techniques; Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests (IEC 61000-4-29:2000); German version EN 61000-4-29:2000	50 V / 25 A
EMC	IEC 61000-4-29:2000	Electromagnetic compatibility (EMC) – Part 4-29: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests	50 V / 25 A

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EMC	DIN EN 61000-4-30:2016	Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods (IEC 61000-4-30:2015); German version EN 61000-4-30:2015	only Part 5.8
EMC	IEC 61000-4-30:2015 + Corrigendum 1:2016 + A1:2021	Electromagnetic compatibility (EMC) – Part 4-30: Testing and measurement techniques – Power quality measurement methods	only sub-clause 5.8
KMF	DIN EN 60068-2-1:2008	Environmental testing - Part 2-1: Tests - Test A: Cold (IEC 60068-2-1:2007); German version EN 60068-2-1:2007	
KMF	IEC 60068-2-1:2007	Environmental testing - Part 2-1: Tests - Test A: Cold	
KMF	DIN EN 60068-2-2:2008	Environmental testing - Part 2-2: Tests - Test B: Dry heat (IEC 60068-2-2:2007); German version EN 60068-2-2:2007	
KMF	IEC 60068-2-2:2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat	
KMF	DIN EN 60068-2-6:2008	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal) (IEC 60068-2-6:2007); German version EN 60068-2-6:2008	
KMF	IEC 60068-2-6:2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	

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KMF	DIN EN 60068-2-14:2010	Environmental testing - Part 2-14: Tests - Test N: Change of temperature (IEC 60068-2-14:2009); German version EN 60068-2-14:2009	
KMF	IEC 60068-2-14:2009	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	
KMF	DIN EN 60068-2-27:2010	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock (IEC 60068-2-27:2008); German version EN 60068-2-27:2009	
KMF	IEC 60068-2-27:2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	
KMF	DIN EN 60068-2-30:2006	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle) (IEC 60068-2-30:2005); German version EN 60068-2-30:2005	
KMF	IEC 60068-2-30:2005	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
KMF	DIN EN 60068-2-31:2009	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens (IEC 60068-2-31:2008); German version EN 60068-2-31:2008	
KMF	IEC 60068-2-31:2008	Basic environmental testing procedures - Part 2: Tests; test Ec: Drop and topple, primarily for equipment-type specimens	

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KMF	DIN EN 60068-2-38:2010	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test (IEC 60068-2-38:2009); German version EN 60068-2-38:2009	
KMF	IEC 60068-2-38:2021	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
KMF	DIN EN 60068-2-53:2011	Environmental testing - Part 2-53: Tests and guidance: Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests (IEC 60068-2-53:2010); German version EN 60068-2-53:2010	
KMF	IEC 60068-2-53:2010	Environmental testing - Part 2-53: Tests and guidance: Combined climatic (temperature/humidity) and dynamic (vibration/shock) tests	
KMF	DIN EN 60068-2-64:2020	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance (IEC 60068-2-64:2008 + A1:2019); German version EN 60068-2-64:2008 + A1:2019	
KMF	IEC 60068-2-64:2008 + A1:2019	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance	
KMF	DIN EN 60068-2-67:2020	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components (IEC 60068-2-67:1995 + A1:2019); German version EN 60068-2-67:1996 + A1:2019	

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KMF	IEC 60068-2-67:1995 + A1:2019	Environmental testing - Part 2: Tests; test Cy: Damp heat, steady state, accelerated test primarily intended for components	
KMF	DIN EN 60068-2-78:2014	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state (IEC 60068-2-78:2012); German version EN 60068-2-78:2013	
KMF	IEC 60068-2-78:2012	Environmental testing - Part 2-78: Tests; Test Cab: Damp heat, steady state	
KMF	DIN EN 60068-2-80:2006	Environmental testing - Part 2-80: Tests - Test Fi: Vibration - Mixed mode (IEC 60068-2-80:2005); German version EN 60068-2-80:2005	
KMF	IEC 60068-2-80:2005	Environmental testing - Part 2-80: Tests - Test Fi: Vibration - Mixed mode	
KMF	DIN EN 60529:2014	Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989 + A1:1999 + A2:2013); German version EN 60529:1991 + A1:2000 + A2:2013	test only IP1X – IP6X, IPX1 – IPX8
KMF	IEC 60529:1989 + A1:1999 + A2:2013	Degrees of protection provided by enclosures (IP code)	test only IP1X – IP6X, IPX1 – IPX8
Safety	DIN EN ISO 3744:2011	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (ISO 3744:2010); German version EN ISO 3744:2010	

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Safety	ISO 3744:2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	
Safety	DIN EN ISO 3746:2011	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane (ISO 3746:2010); German version EN ISO 3746:2010	
Safety	ISO 3746:2010	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane	
Basic technical standards			
EMC	DIN EN IEC 61000-6-1:2019	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments (IEC 61000-6-1:2016); German version EN IEC 61000-6-1:2019	
EMC	IEC 61000-6-1:2016	Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments	

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EMC	DIN EN IEC 61000-6-2:2019	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments (IEC 61000-6-2:2016); German version EN IEC 61000-6-2:2019	
EMC	IEC 61000-6-2:2016	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments	
EMC	DIN EN IEC 61000-6-3:2022	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments (IEC 61000-6-3:2020); German version EN IEC 61000-6-3:2021	
EMC	IEC 61000-6-3:2020	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential environments	
EMC	DIN EN IEC 61000-6-4:2020	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments (IEC 61000-6-4:2018); German version EN IEC 61000-6-4:2019	
EMC	IEC 61000-6-4:2018	Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments	
EMC	DIN EN 61000-6-5:2016	Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment (IEC 61000-6-5:2015); German version EN 61000-6-5:2015	no test according to IEC 61000-4-17

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EMC	IEC 61000-6-5:2015 + Corrigendum 1:2017	Electromagnetic compatibility (EMC) – Part 6-5: Generic standards – Immunity for equipment used in power station and substation environment	no test according to IEC 61000-4-17
EMC	DIN EN 61000-6-7:2015	Electromagnetic compatibility (EMC) - Part 6- 7: Generic standards - Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations (IEC 61000-6-7:2014); German version EN 61000-6-7:2015	
EMC	IEC 61000-6-7:2014	Electromagnetic compatibility (EMC) – Part 6-7: Generic standards – Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations	
EMC	DIN EN 61000-6-8:2022	Electromagnetic compatibility (EMC) - Part 6- 8: Generic standards - Emission standard for professional equipment in commercial and light-industrial locations (IEC 61000-6- 8:2020); German version EN IEC 61000-6- 8:2020	
EMC	IEC 61000-6-8:2020	Electromagnetic compatibility (EMC) - Part 6- 8: Generic standards - Emission standard for professional equipment in commercial and light-industrial locations	
Product family standards			
Alcohol testing devices	DIN EN 15964:2011 EN 15964:2011	Breath alcohol test devices other than single use devices - Requirements and test methods; German version EN 15964:2011	

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Alcohol testing devices	DIN EN 16280:2012 EN 16280:2012	Breath alcohol test devices for general public - Requirements and test methods; German version EN 16280:2012	
Alcohol testing devices	DIN EN 50436-1:2014 EN 50436-1:2014	Alcohol -Interlocks - Test methods and performance requirements - Part 1: Instruments for drink-driving-offender programs	
Alcohol testing devices	DIN EN 50436-2:2015 EN 50436-2:2014 + A1:2015	Alcohol interlocks - Test methods and performance requirements - Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use	
Alcohol testing devices	DIN VDE 0405-1:2017	Determination of breath alcohol concentration - Part 1: Specification of evidential breath analyzers	
Alcohol testing devices	NHTSA:2013 + A1:2015	Department of Transportation – National Highway Traffic Safety Administration Model Specifications for Breath Alcohol Ignition Interlock Devices (BAIIDs)	
Alcohol test devices	NF X 20-704:2007	Breath alcohol test devices for general public - Requirements and test methods	
Alcohol test devices	NF 227 Part 1 Rev 11:2015	Certification regulations – NF Mark for alcohol testers – Part 1: Scope – NF Marking	
Alcohol test devices	NF 227 Part 2 Rev 11:2015	Certification regulations – NF Mark for alcohol testers – Part 2: Quality requirements to be observed by the applicant / holder	

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Alcohol test devices	NF 227 Part 3 Rev 11:2015	Certification regulations – NF Mark for alcohol testers – Part 3: Obtaining certification	
Alcohol test devices	NF 227 Part 4 Rev 11:2015	Certification regulations – NF Mark for alcohol testers – Part 4: Certified product surveillance process modifications and development	
Alcohol test devices	NF 227 Part 5 Rev 11:2015	Certification regulations – NF Mark for alcohol testers – Part 5: Participating organisations	
Alcohol test devices	NF 227 Part 6 Rev 11:2015	Certification regulations – NF Mark for alcohol testers – Part 6: Applicable fees – Terms of payment	
Alcohol test devices	AS 3547:2019 + A1:2021	Breath alcohol testing devices for personal use	
Alcohol test devices	OIML R 126-1:2021	Evidential breath analyzers; Part 1: Metrological and technical requirements	
Alcohol test devices	OIML R 126-2:2021	Evidential breath analyzers; Part 2: Metrological controls and performance tests	
Alcohol test devices	CAN/CSA-Z627-16:2018, Update No. 1	Breath alcohol ignition interlock devices	
All	DIN EN 50155:2022 EN 50155:2021	Railway applications - Rolling stock - Electronic equipment	except salt mist test

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Safety	DIN EN 60825-1:2022	Safety of laser products - Part 1: Equipment classification and requirements (IEC 60825-1:2014); German version EN 60825-1:2014 + AC:2017 + A11:2021 + A11:2021/AC:2022	
Safety	IEC 60825-1:2014	Safety of laser products - Part 1: Equipment classification, requirements and use's guide	
EMC / KMF	DIN EN 60945:2003	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results (IEC 60945:2002); German version EN 60945:2002	Only Part 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 9 and 10
EMC / KMF F	IEC 60945:2002	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test result	only tests according to sub-clause 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 9 and 10
EMC / KMF	DIN EN 61131-2:2008	Programmable controllers - Part 2: Equipment requirements and tests (IEC 61131-2:2007); German version EN 61131-2:2007	only EMC and tests according to sub-clause 5.2, 5.3, 5.4; 6.2 and 6.3
EMC / KMF	IEC 61131-2:2017	Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests	only EMC and tests according to sub-clause 5.2, 5.3, 5.4; 6.2 and 6.3
EMC	DIN EN 50121-3-2:2017 + A1:2020 EN 50121-3-2:2016 + A1:2019	Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus	

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EMC	DIN EN 50130-4:2015 EN 50130-4:2011 + A1:2014	Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems	
EMC	DIN EN 50270:2015 EN 50270:2015	Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen	
EMC	DIN EN 50370-1:2006 EN 50370-1:2005	Electromagnetic compatibility (EMC) - Product family standard for machine tools - Part 1: Emission	except electric tools
EMC	DIN EN 50370-2:2003 EN 50370-2:2003	Electromagnetic compatibility (EMC) - Product family standard for machine tools - Part 2: Immunity	maximum dimension of the test object 3m x 3m x 1.5 m
EMC	DIN EN 55011:2022	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement (CISPR 11:2015, modified + A1:2016 + A2:2019); German version EN 55011:2016 + A1:2017 + A11:2020 + A2:2021	

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EMC	CISPR 11:2015 + A1:2016 + A2:2019	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	
EMC	DIN EN 55014-1:2018	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission (CISPR 14-1:2016 + COR1:2016); German version EN 55014-1:2017	No electrical tools
EMC	CISPR 14-1:2020	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission	except electrical tools and Equipment using IPT
EMC	DIN EN 55014-2:2016	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity – Product family standard (CISPR 14-2:2015); German version EN 55014-2:2015	
EMC	CISPR 14-2:2020	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard	
EMC	DIN EN IEC 55015:2020	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2018 + ISH1:2019); German version EN IEC 55015:2019 + A11:2020	no measurement of the magnetic field strength
EMC	CISPR 15:2018	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	no measurement of the magnetic field strength

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EMC	DIN EN 55032:2022	Electromagnetic compatibility of multimedia equipment - Emission requirements (CISPR 32:2015 + COR1:2016 + A1:2019); German version EN 55032:2015 + AC:2016 + A11:2020 + A1:2020	no test according to A11 to A13
EMC	CISPR 32:2015 + Corrigendum 1:2016 + A1:2019	Electromagnetic compatibility of multimedia equipment - Emission requirements	no test according to A11 to A13
EMC	DIN EN 55035:2018	Electromagnetic compatibility of multimedia equipment - Immunity requirements (CISPR 35:2016, modified); German version EN 55035:2017	
EMC	CISPR 35:2016	Electromagnetic compatibility of multimedia equipment - Immunity requirements	no Broadband impulse noise disturbance tests
EMC	IEC 60092-504:2016	Electrical installations in ships - Part 504: Automation, control and instrumentation	only section 5
EMC	DIN IEC 60533:2021	Electrical and electronic installations in ships - Electromagnetic compatibility (EMC) - Ships with a metallic hull (IEC 60533:2015)	
EMC	IEC 60533:2015	Electrical and electronic installations in ships - Electromagnetic compatibility	
EMC	DIN EN 60669-2-1:2010	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches (IEC 60669-2-1:2002, modified + A1:2008, modified); German version EN 60669-2-1:2004 + A1:2009	only EMV

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Technical field	Standard / Issue	Title of standard	Test area / reductions
EMC	IEC 60669-2-1:2021	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches	only EMC
EMC	DIN EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current \leq 16 A per phase) (IEC 61000-3-2:2018); German version EN IEC 61000-3-2:2019	Power supply single phase
EMC	IEC 61000-3-2:2018 + A1:2020	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current \leq 16 A per phase)	Power supply single phase
EMC	DIN EN 61000-3-3:2020	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013 + A1:2017); German version EN 61000-3-3:2013 + A1:2019	Power supply single phase
EMC	IEC 61000-3-3:2013 + A1:2017 + A2:2021	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection	Power supply single phase
EMC	DIN EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements (IEC 61326-1:2012); German version EN 61326-1:2013	

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EMC	IEC 61326-1:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	
EMC	DIN EN 61326-2-1:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-1: Particular requirements - Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications (IEC 61326-2-1:2012); German version EN 61326-2-1:2013	
EMC	IEC 61326-2-1:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-1: Particular requirements - Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications	
EMC	DIN EN 61326-2-2:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems (IEC 61326-2-2:2012); German version EN 61326-2-2:2013	

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EMC	IEC 61326-2-2:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems	
EMC	DIN EN 61326-2-3:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning (IEC 61326-2-3:2012); German version EN 61326-2-3:2013	
EMC	IEC 61326-2-3:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning	
EMC	DIN EN 61326-2-4:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9 (IEC 61326-2-4:2012); German version EN 61326-2-4:2013	

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EMC	IEC 61326-2-4:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9	
EMC	DIN EN 61326-2-5:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-5: Particular requirements - Test configurations, operational conditions and performance criteria for field devices with field bus interfaces according to IEC 61784-1 (IEC 61326-2-5:2012); German version EN 61326-2-5:2013	
EMC	IEC 61326-2-5:2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-5: Particular requirements - Test configurations, operational conditions and performance criteria for field devices with field bus interfaces according to IEC 61784-1	
EMC	DIN EN 61326-3-1:2018	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications (IEC 61326-3-1:2017); German version EN 61326-3-1:2017	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
EMC	IEC 61326-3-1:2017	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial application	
EMC	DIN EN IEC 61326-3-2:2019	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment (IEC 61326-3-2:2017); German version EN IEC 61326-3-2:2018	
EMC	IEC 61326-3-2:2017	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment	
EMC	DIN EN 61547:2010	Equipment for general lighting purposes - EMC immunity requirements (IEC 61547:2009); German version EN 61547:2009	
EMC	IEC 61547:2020	Equipment for general lighting purposes - EMC immunity requirements	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
EMC	DIN EN IEC 61800-3:2019	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods (IEC 61800-3:2017); German Version EN IEC 61800-3:2018	only PDS category C1 and C2 up to 500 V rated voltage, without section 6.2
EMC	IEC 61800-3:2017	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods	only PDS category C1 and C2 up to 500 V rated voltage, without section 6.2
EMC	DIN EN IEC 61800-5-2:2017	Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional (IEC 61800-5-2:2016); German version EN 61800-5-2:2017	only section 9.3
EMC	IEC 61800-5-2:2016	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods	only section 9.3
EMC	IEC 62236-3-2:2018	Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock – Apparatus	
EMC, KMF	DNV-CG-0339:2021	Environmental test specification for electrical, electronic and programmable equipment and systems	no test according to section 3 chapter 10
KMF	DIN EN 50130-5:2012 EN 50130-5:2011	Alarm systems - Part 5: Environmental test methods	nur die Prüfungen: Trockene Wärme, Kälte, Temperaturwechsel und Feuchte Wärme, Schocken, Freies Fallen, Schwingen

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Technical field	Standard / Issue	Title of standard	Test area / reductions
KMF	DIN EN 61373:2011	Railway applications - Rolling stock equipment - Shock and vibration tests (IEC 61373:2010); German version EN 61373:2010	
KMF	IEC 61373:2010	Railway applications - Rolling stock equipment - Shock and vibration tests	
KMF	DIN EN 62262:2022	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code) (IEC 62262:2002 + AMD1:2021); German version EN 62262:2002 + A1:2021	Only test with spring hammer and only energy range (0.2-1 J)
KMF	IEC 62262:2002 + A1:2021	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	Only test with spring hammer and only energy range (0.2-1 J)
Safety	DIN EN 60204-1:2019	Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2016, modified); German version EN 60204-1:2018	
Safety	IEC 60204-1:2016 + A1:2021	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	
EMC / SEB	DIN EN 60335-1:2020	Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified + COR1:2010 + COR2:2011 + A1:2013, modified + A1:2013/COR1:2014 + A2:2016 + A2:2016/COR1:2016); German version EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019	no test regarding: -Annex J: Coated printed circuit boards; -Annex N: Proof tracking test; -Annex T: UV-C radiation effect on non-metallic materials

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Technical field	Standard / Issue	Title of standard	Test area / reductions
EMC / Safety	IEC 60335-1:2020	Household and similar electrical appliances - Safety - Part 1:General requirements	no test regarding: -Annex J: Coated printed circuit boards; -Annex N: Proof tracking test; -Annex T: UV-C radiation effect on non-metallic materials
Safety	DIN EN 60598-1:2022	Luminaires - Part 1: General requirements and tests (IEC 60598-1:2020); German version EN IEC 60598-1:2021	no tests of: - tracking test - luminaires with adjustment devices - tumbling barrel - flammability test - Annex F: corrosion test - Annex P: UV emitting luminaires ingress tests up to IP1X – IP6X and IPX1 – IPX8
Safety	IEC 60598-1:2020	Luminaires - Part 1: General requirements and tests	no tests of: - tracking test - luminaires with adjustment devices - tumbling barrel - flammability test - Annex F: corrosion test - Annex P: UV emitting luminaires ingress tests up to IP1X – IP6X and IPX1 – IPX8
Safety	DIN EN 60598-2-5:2016	Luminaires - Part 2-5: Particular requirements - Floodlights (IEC 60598-2-5:2015); German version EN 60598-2-5:2015	

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Safety	IEC 60598-2-5:2015	Luminaires – Part 2-5: Particular requirements – Floodlights	
Safety	DIN EN 60598-2-25:2005	Luminaires - Part 2-25: Particular requirements - Luminaires for use in clinical areas of hospitals and health care buildings (IEC 60598-2-25:1994 + Corrigendum 1994 + A1:2004); German version EN 60598-2-25:1994 + A1:2004	
Safety	IEC 60598-2-25:1994 + A1:2004	Luminaires - Part 2: Particular requirements - Section 25: Luminaires for use in clinical areas of hospitals and health care buildings	
Safety	DIN EN 61010-1:2020	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 61010-1:2010 + COR:2011 + A1:2016, modified + A1:2016/COR1:2019); German version EN 61010-1:2010 + A1:2019 + A1:2019/AC:2019	Restrictions: - no 3 phase;
Safety	IEC 61010-1:2010 + A1:2016	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements	Restrictions: - no 3 phase;
Safety	DIN EN 61010-2-010:2015-05	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of Materials (IEC 61010-2-010:2014); German version EN 61010-2-010:2014	

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Safety	IEC 61010-2-010:2019	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials	
Safety	DIN EN 61010-2-081:2015-11	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:2015); German version EN 61010-2-081:2015	
Safety	IEC 61010-2-081:2019	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	
Safety	DIN EN IEC 61010-2-201:2019	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment (IEC 61010-2-201:2017); German version EN IEC 61010-2-201:2018	
Safety	IEC 61010-2-201:2017	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-201: Particular requirements for control equipment	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
Safety	IEC 61558-1:2017	Safety of transformers, reactors, power supply units and combinations thereof – Part 1: General requirements and tests	no tests of: - Annex E: glow-wire test - Annex G creepage tracking resistance - Annex K insulated winding wires
Safety	DIN EN 62368-1:2021	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2018); German version EN IEC 62368-1:2020 + A11:2020	Restrictions: - no 3 phase; - no amplifiers; - no cable distribution system; - no shredder; - no telecommunication equipment; - no high pressure lamps
Safety	IEC 62368-1:2018	Audio/video, information and communication technology equipment - Part 1: Safety requirements	Restrictions: - no 3 phase; - no amplifiers; - no cable distribution system; - no shredder; - no telecommunication equipment; - no high pressure lamps
Safety	DIN EN 62471:2009	Photobiological safety of lamps and lamp systems (IEC 62471:2006, modified); German version EN 62471:2008	Measurements only in the wavelength range from 250 nm to 1000 nm
Safety	IEC 62471:2006	Photobiological safety of lamps and lamp systems	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
Telecommunication			
EMC	ETSI EN 301489-1 V2.2.3:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility	
EMC	ETSI EN 301489-3 V2.1.1:2019	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	
EMC	ETSI EN 301489-17 V3.2.4:2020	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility	
Automotive			
EMC	ISO 7637-2:2011	Road vehicles. Electrical disturbances from conduction and coupling. Electrical transient conduction along supply lines only	
EMC	ISO 7637-3:2016	Road vehicles - Electrical disturbances from conduction and coupling - Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMC	ISO 10605:2008 + A1:2014	Road vehicles - Test methods for electrical disturbances from electrostatic discharge	
EMC	ISO 11451-2:2015	Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Off-vehicle radiation sources	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
EMC	ISO 11451-4:2022	Road vehicles — Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 4: Harness excitation methods	
EMC	ISO 11452-2:2019	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure	
EMC	ISO 11452-4:2020	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	no TWC test method, no test for DUT powered by a shielded power system
EMC	ISO 11452-5:2002	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy Part 5: Stripline	
EMC	DIN EN 12895:2020 EN 12895:2020:2015 + A1:2019	Industrial trucks - Electromagnetic compatibility; German version EN 12895:2015+A1:2019	
EMC	DIN EN ISO 13766-1:2019	Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 1: General EMC requirements under typical electromagnetic environmental conditions (ISO 13766-1:2018); German version EN ISO 13766-1:2018	
EMC	ISO 13766-1:2018	Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 1: General EMC requirements under typical electromagnetic environmental conditions	

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EMC	DIN EN ISO 13766-2:2018	Earth-moving and building construction machinery - Electromagnetic compatibility (EMC) of machines with internal electrical power supply - Part 2: Additional EMC requirements for functional safety (ISO 13766-2:2018); German version EN ISO 13766-2:2018	only EUBs
EMC	ISO 13766-2:2018	Earth-moving and building construction machinery — Electromagnetic compatibility (EMC) of machines with internal electrical power supply — Part 2: Additional EMC requirements for functional safety	only ESA
EMC	DIN EN ISO 14982:2009	Agricultural and forestry machines - Electromagnetic compatibility - Test methods and acceptance criteria (ISO 14982:1998); German version EN ISO 14982:2009	
EMC	ISO 14982:1998	Agricultural and forestry machinery - Electromagnetic compatibility - Test methods and acceptance criteria	
EMC	DIN EN 50498:2011 EN 50498:2010	Electromagnetic compatibility (EMC) - Product family standard for aftermarket electronic equipment in vehicles	
EMC	DIN EN 55012:2010	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers (IEC/CISPR 12:2007 + A1:2009); German version EN 55012:2007 + A1:2009	
EMC	CISPR 12:2007 + A1:2009	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers	

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EMC	DIN EN 55025:2018	ehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers (CISPR 25:2016 + COR1:2017); Deutsche Fassung EN 55025:2017 + AC:2017	
EMC	CISPR 25:2021	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers	
EMC	ECE-R 10 Rev.6:2019	Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility	
KMF/EMC	ISO 16750-2:2012	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads	
KMF	ISO 16750-3:2012	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 3: Mechanical loads	
KMF	ISO 16750-4:2010	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads	
KMF	ISO 20653:2013	Road vehicles - Degrees of protection (IP code) - Protection of electrical equipment against foreign objects, water and access	
KMF	MIL-STD-810H:2019	Department of defense – Test method standard for environmental engineering considerations and laboratory tests.	only the tests: High Temperature; Low Temperature; Temperature Shock; Low Altitude Procedure I & II; Humidity
KMF	ISTA 2A:2011	Packaged-Products weighing 150 lb (68 kg) or Less	no compression
KMF	ASTM D6344-04:2017	Standard Test Method for Concentrated Impacts to Transport Packages	Ohne Vibrationsprüfung

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KMF	ASTM D7386:2016	Standard Practice for Performance Testing of Packages for Single Parcel Delivery Systems	Ohne Vibrationsprüfung
Withdrawn procedures or procedures for which newer editions exist			
EMC	DIN EN 61000-4-3:2011	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3:2006 + A1:2007 + A2:2010); German version EN 61000-4-3:2006 + A1:2008 + A2:2010	
EMC	IEC 61000-4-3:2006 + A1:2007 + A2:2010	Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test	
EMC	DIN EN 61000-4-11:2019	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase (IEC 61000-4-11:2004 + A1:2017); Deutsche Fassung EN 61000-4-11:2004 + A1:2017	Power supply single phase
EMC	IEC 61000-4-11:2004 + A1:2017	Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase	Power supply single phase
EMC	IEC 61000-4-16:1998 + A1:2001 + A2:2009	Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	
EMC	DIN EN 61000-4-18:2007	Electromagnetic compatibility (EMC) - Part 4-18: Testing and measurement techniques - Damped oscillatory wave immunity test (IEC 61000-4-18:2006); German version EN 61000-4-18:2007 + Cor.: 2007	

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KMF	DIN EN 60068-2-14:2000	Environmental testing - Part 2-14: Tests - Test N: Change of temperature (IEC 60068-2-14:1984 + A1:1986); Deutsche Fassung EN 60068-2:1999	
KMF	IEC 60068-2-14:1984 + A1:1986	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	
KMF	DIN EN 60068-2-14:1987	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	
KMF	IEC 60068-2-14:1984	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	
KMF	DIN EN 60068-2-27:1995	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock (IEC 60068-2-27:1987); German Version EN 60068-2-27:1993	
KMF	IEC 60068-2-27:1987	Basic environmental testing procedures - Part 2: Tests; test Ea and guidance: Shock	
KMF	DIN EN 60068-2-29:1995	Basic environmental testing procedures - Part 2: Tests; test Eb and guidance: Bump (IEC 60068-2-29:1987); German Version EN 60068-2-29:1993	
KMF	IEC 60068-2-29:1987	Basic environmental testing procedures - Part 2: Tests; test Eb and guidance: Bump	
KMF	DIN EN 60068-2-30:2000	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle) (IEC 60068-2-30:1980 + A1:1985); German Version EN 60068-2-30:1999	
KMF	IEC 60068-2-30:1980 + A1:1985	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
KMF	DIN EN 60068-2-31:1995	Basic environmental testing procedures - Part 2: Tests; test Ec: Drop and topple, primarily for equipment-type specimens (IEC 60068-2-31:1969 + A1:1982); German Version EN 60068-2-31:1993	

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KMF	IEC 60068-2-31:1969 A1:1982	Basic environmental testing procedures - Part 2: Tests; test Ec: Drop and topple, primarily for equipment-type specimens	
KMF	IEC 60068-2-31:1969	Basic environmental testing procedures – Part 2: Tests; test Ec: Drop and topple, primarily for equipment-type specimens	
KMF	DIN EN 60068-2-32:1995	Basic environmental testing procedures - Part 2: Tests; test Ed: Free fall (IEC 60068-2-32:1975 + A1:1982 + A2:1990); German Version EN 60068-2-32:1993	
KMF	IEC 60068-2-32:1975 A2:1990	Basic environmental testing procedures - Part 2: Tests; test Ed: Free fall	
KMF	IEC 60068-2-32:1975 A1:1982	Basic environmental testing procedures – Part 2: Tests; test Ed: Free fall	
KMF	IEC 60068-2-32:1975	Basic environmental testing procedures – Part 2: Tests; test Ed: Free fall	
KMF	DIN EN 60068-2-38:2000	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test (IEC 60068-2-38:1974); German Version EN 60068-2-38:1999	
KMF	IEC 60068-2-38:2009	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
KMF	IEC 60068-2-38:1974	Environmental testing - Part 2: Tests; test Z/AD: Composite temperature/humidity cyclic test	
KMF	DIN EN 60068-2-50:2000	Environmental testing- Part 2: Tests; tests Z/AFc: Combined cold/vibration (sinusoidal) tests for both heat-dissipating and non-heat-dissipating specimens (IEC 60068-2-50:1983); German Version EN 60068-2-50:1999	

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KMF	IEC 60068-2-50:1983	Environmental testing- Part 2: Tests; tests Z/AFc: Combined cold/vibration (sinusoidal) tests for both heat-dissipating and non-heat-dissipating specimens	
KMF	DIN EN 60068-2-51:2000	Environmental testing - Part 2: Tests; tests Z/BFc: Combined dry heat/vibration (sinusoidal) tests for both heat-dissipating and non-heat-dissipating specimens (IEC 60068-2-51:1983); German Version EN 60068-2-51:1999	
KMF	IEC 60068-2-51:1983	Environmental testing - Part 2: Tests; tests Z/BFc: Combined dry heat/vibration (sinusoidal) tests for both heat-dissipating and non-heat-dissipating specimens	
KMF	DIN IEC 60068-2-53:1986	environmental testing procedures; guidance to tests Z/AFc and Z/BFc: combined temperature (cold and dry heat) and vibration (sinusoidal) tests	
KMF	IEC 60068-2-53:1984	environmental testing procedures; guidance to tests Z/AFc and Z/BFc: combined temperature (cold and dry heat) and vibration (sinusoidal) tests	
KMF	DIN EN 60068-2-55:1995	Basic environmental testing procedures - Part 2: Tests; test Ee and guidance: Bounce (IEC 60068-2-55:1987); German Version EN 60068-2-55:1993	
KMF	IEC 60068-2-55:1987	Basic environmental testing procedures - Part 2: Tests; test Ee and guidance: Bounce	
KMF	DIN EN 60068-2-64:2009	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance (IEC 60068-2-64:2008); German version EN 60068-2-64:2008	
KMF	IEC 60068-2-64:2008	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance	

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KMF	DIN EN 60068-2-64:1995	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance (IEC 60068-2-64:1993 + Berichtigung 1993); German version EN 60068-2-64:1994	
KMF	IEC 60068-2-64:1993	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance	
KMF	DIN EN 60068-2-67:1996	Environmental testing - Part 2: Tests; test Cy: Damp heat, steady state, accelerated test primarily intended for components (IEC 60068-2-67:1995); German Version EN 60068-2-67:1996	
KMF	IEC 60068-2-67:1995	Environmental testing - Part 2: Tests; test Cy: Damp heat, steady state, accelerated test primarily intended for components	
KMF	DIN EN 60068-2-78:2002	Environmental testing - Part 2-78: Tests; Test Cab: Damp heat, steady state (IEC 60068-2-78:2001); German version EN 60068-2-78:2001	
KMF	IEC 60068-2-78:2001	Environmental testing - Part 2-78: Tests; Test Cab: Damp heat, steady state	
Alcohol test devices	DIN EN 50436-1:2006 EN 50436-1:2005	Alcohol interlocks - Test methods and performance requirements - Part 1: Instruments for drink-driving-offender programs	
Alcohol test devices	DIN EN 50436-2:2014 EN 50436-2:2014	Alcohol -Interlocks - Test methods and performance requirements - Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use	

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Alcohol test devices	DIN EN 50436-2:2008 EN 50436-2:2007	Alcohol interlocks - Test methods and performance requirements - Part 2: Instruments having a mouthpiece and measuring breath alcohol for general preventive use	
Alcohol test devices	NHTSA:1992	Department of Transportation – National Highway Traffic Safety Administration Model Specifications for Breath Alcohol Ignition Interlock Devices (BAIDs)	
Alcohol test devices	CSTT-HVC-TR-114:2011	Technical Standard for Vehicular Breath Alcohol Interlock Devices in Canada	
Alcohol test devices	CSTT-HVC-TR-114:2009	Technical Standard for Vehicular Breath Alcohol Interlock Devices in Canada	
Alcohol test devices	CSTT-HVC-TR-150:2011	Test Protocol for Vehicular Breath Alcohol Interlock Devices in Canada	
Alcohol test devices	CSTT-HVC-TR-150:2009	Test Protocol for Vehicular Breath Alcohol Interlock Devices in Canada	
Alcohol test devices	OIML R 126:2012	Evidential breath analyzers	
Alcohol test devices	OIML R 126:1998	Evidential breath analyzers	
Alcohol test devices	CAN/CSA-Z627-16:2016	Breath alcohol ignition interlock devices	
Alcohol test devices	AS 3547:1997	Breath alcohol testing devices for personal use	
Safety	DIN EN 60825-1:2015	Safety of laser products - Part 1: Equipment classification, requirements and use's guide (IEC 60825-1:2014); German version EN 60825-1:2014	
Safety	IEC 60825-1:2014	Safety of laser products - Part 1: Equipment classification, requirements and use's guide	

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Safety	DIN EN 60825-1:2008	Safety of laser products - Part 1: Equipment classification and requirements (IEC 60825-1:2007); German Version EN 60825-1:2007	
Safety	IEC 60825-1:2007	Safety of laser products - Part 1: Equipment classification and requirements	
Safety	DIN EN 60825-1:2003	Safety of laser products - Part 1: Equipment classification and requirements (IEC 60825-1:1993 + A1:1997 + A2:2001); German Version EN 60825-1:1994 + A1:2002 + A2:2001	
Safety	IEC 60825-1:1993 + A1:1997 + A2:2001	Safety of laser products - Part 1: Equipment classification, requirements and use's guide	
EMC/ KMF	IEC 61131-2:2007	Programmable controllers - Part 2: Equipment requirements and tests	only EMC and tests according to sub-clause 6.2 Dry heat and cold; 6.3 mechanical tests; 6.4.1; 6.4.2; 6.4.3; 6.4.4
EMC, KMF	DNVGL-CG-0339:2019	Environmental test specification for electrical, electronic and programmable equipment and systems	no test according to section 3 chapter 10
EMC/ Safety/ KMF	DNV Standard for Certification - No. 2.4:2006	Environmental test specification for instrumentation and automation equipment	no Salt Mist test
EMC	CISPR 11:2009 + A1:2010	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	
EMC	DIN EN 55022:2011	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement (CISPR 22:2008, modifiziert); German version EN 55022:2010	Up to 6 GHz
EMC	CISPR 22:2008	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement	Up to 6 GHz

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EMC	DIN EN 55024:2016	Information technology equipment - Immunity characteristics - Limits and methods of measurement (CISPR 24:2010 + Cor.:2011 + A1:2015); German version EN 55024:2010 + A1:2015	
EMC	CISPR 24:2010 + A1:2015	Information technology equipment - Immunity characteristics - Limits and methods of measurement	
EMC	DIN EN 55103-1:2013 EN 55103-1:2009 + A1:2012	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emissions	
EMC	DIN EN 55103-2:2010 EN 55103-2:2009	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 2: Immunity	
EMC	IEC 60669-2-1:2002 + A1:2008	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches	only EMC
KMF	DIN EN 50102:1997 + A1:1999 EN 50102:1995 + A1:1998	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	
Safety	DIN EN 61010-1:2011	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 66/769/CD:2022); Text in German and English	Only 3 Phase; -

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Safety	IEC 61010-1:2010	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements	
Safety	IEC 61010-2-010:2014	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials	
Safety	IEC 61010-2-081:2015	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	
EMC	ISO 7637-2:2004 + A1:2008	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only	
EMC	ISO 7637-3:1995	Road vehicles - Electrical disturbance by conduction and coupling - Part 3: Vehicles with nominal 12 V or 24 V supply voltage - Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMC	ISO 10605:2001	Road vehicles - Test methods for electrical disturbances from electrostatic discharge	
EMC	ISO 11452-2:2004	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure	
EMC	ISO 11452-4:2011	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	
EMC	ISO 11452-4:2005	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Bulk current injection (BCI)	

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EMC	DIN EN 13309:2010	Construction machinery - Electromagnetic compatibility of machines with internal power supply; German version EN 13309:2010	
EMC	MIL-STD-461F	Department of defense – Interference standard – Requirements for the control of electromagnetic interference characteristics of subsystems and equipment	tests according to sub-clauses CE101; CE102; CS101; CS114; CS116; RE101, RE102, RS101; RS103 only
EMC	ECE-R 10 Rev.5:2014	Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility	
EMC	ECE-R 10 Rev.4:2012	Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility	
EMC	ECE-R 10 Rev.3:2008	Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility	
EMC	ETSI EN 300220-1 V2.4.1:2012	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods	nur Prüfungen gem. Abschnitt 7.1, 7.3, 7.5, 7.7.-7.10 und 8.6; Sendeleistung bis max. 25 mW
EMC	ETSI EN 300220-2 V2.4.1:2012	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive	no LBT equipment, no category I receiver, Sendeleistung bis max. 25 mW

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Technical field	Standard / Issue	Title of standard	Test area / reductions
KMF	DIN EN 50130-5:1999	Alarm systems - Part 5: Environmental test methods; German version EN 50130-5:2011	only the tests: dry heat, cold, temperature changes and moist heat, shock, free falling, swinging
KMF	DIN EN 60529:2000	Degrees of protection provided by enclosures (IP code)	nur Prüfungen nach IP1X – IP6X und IPX1 – IPX8
KMF	IEC 60529:1989 + A1:1999	Degrees of protection provided by enclosures (IP code)	
KMF/EMV	ISO 16750-2:2010	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads	
KMF/EMV	ISO 16750-2:2006	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads	
KMF/EMV	ISO 16750-2:2003	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads	
KMF	ISO 16750-3:2007	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 3: Mechanical loads	
KMF	ISO 16750-3:2003	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 3: Mechanical loads	
KMF	ISO 16750-4:2006	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads	
KMF	ISO 16750-4:2003	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
KMF	ISO 20653:2006	Road vehicles - Degrees of protection (IP code) - Protection of electrical equipment against foreign objects, water and access	
KMF	MIL-STD-810F	Department of defense – Test method standard for environmental engineering considerations and laboratory tests.	only the tests: High Temperature; Low Temperature; Temperature Shock;
KMF	MIL-STD-810G	Department of defense – Test method standard for environmental engineering considerations and laboratory tests.	only the tests: High Temperature; Low Temperature; Temperature Shock; Low Altitude Procedure I & II; Humidity
KMF	ISTA 2A:2008	Packaged-Products weighing 150 lb (68 kg) or Less	no compression
KMF	DIN 40050-9:1993	Road vehicles; IP protection levels; Protection against foreign bodies, water and contact; Electrical equipment	
KMF	DIN EN 50102:1997	Types of protection provided by housings for electrical equipment (equipment) against external mechanical stress (IK code); German version EN 50102:1995	
Safety	DIN EN 60204-1:2007 + A1:2009	Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2005/A1:2008); German Version EN 60204-1:2006/A1:2009	
Safety	IEC 60204-1:2005 + A1:2008	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	

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Technical field	Standard / Issue	Title of standard	Test area / reductions
EMC / Safety	DIN EN 60335-1:2012	Household and similar electrical appliances - Safety - Part 1:General requirements	no test regarding: -Annex J: Coated printed circuit boards; -Annex N: Proof tracking test; -Annex T: UV-C radiation effect on non-metallic materials
EMC / Safety	IEC 60335-1:2010 + A1:2013 + A2:2016	Household and similar electrical appliances - Safety - Part 1:General requirements	no test regarding: -Annex J: Coated printed circuit boards; -Annex N: Proof tracking test; -Annex T: UV-C radiation effect on non-metallic materials
EMC / Safety	IEC 60335-1:2010	Household and similar electrical appliances - Safety - Part 1: General requirements	No tests Transient overvoltages according to section 14, Coated circuit boards according to Annex J, Creepage resistance according to Annex N.
Safety	DIN EN 60598-1:2015	Luminaires - Part 1: General requirements and tests (IEC 60598-1:2014, modifiziert); German Version EN 60598-1:2015	no tumbling barrel test, no test of: adjustable luminaires, fire resistance, creepage tracking resistance
Safety	IEC 60598-1:2014	Luminaires - Part 1: General requirements and tests	no tumbling barrel test, no test of: adjustable luminaires, fire resistance, creepage tracking resistance,

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Safety	DIN EN 60598-1:2009	Luminaires - Part 1: General requirements and tests (IEC 60598-1:2008, modifiziert); German Version EN 60598-1:2008 + A11:2009	no tumbling barrel test, no test of: adjustable luminaires, fire resistance, creepage tracking resistance,
Safety	IEC 60598-1:2008	Luminaires - Part 1: General requirements and tests	no tumbling barrel test, no test of: adjustable luminaires, fire resistance, creepage tracking resistance,
Safety	DIN EN 60598-1:2001	Luminaires - Part 1: General requirements and tests (IEC 60598-1:1999, modifiziert); German Version EN 60598-1:2000 + A11:2000	no tumbling barrel test, no test of: adjustable luminaires, fire resistance, creepage tracking resistance,
Safety	IEC 60598-1:1999	Luminaires - Part 1: General requirements and tests	no tumbling barrel test, no test of: adjustable luminaires, fire resistance, creepage tracking resistance,
Safety	DIN EN 60950-1:2014	Information technology equipment - Safety - Part 1: General requirements (IEC 60950-1:2005, modifiziert + Cor.:2006 + A1:2009, modifiziert + A1:2009/Cor.:2012 + A2:2013, modifiziert); German version EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013	No tests according to: section 4.2.8; section 4.3.6; section 4.3.12; section 4.3.13.2; section 7; Annex U; Annex AA
Safety	IEC 60950-1:2005 + A1:2009 + A2:2013	Information technology equipment - Safety - Part 1: General requirements	No tests according to: section 4.2.8; section 4.3.6; section 4.3.12; section 4.3.13.2; section 7; Annex U; Annex AA

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Safety	DIN EN 60950-1:2011	Information technology equipment - Safety - Part 1: General requirements (IEC 60950-1:2005, modifiziert + Cor.:2006 + A1:2009, modifiziert); German version EN 60950-1:2006 + A11:2009 + A1:2010	no tests according to: section 4.2.8; direct plug-in equipment section 4.3.6; Flammable liquids section 4.3.12; Ionizing radiation section 4.3.13.2; cable distribution systems section 7; Insulated winding wires Annex U and Mandrel test Annex AA
Safety	IEC 60950-1:2005 / Cor.:2006/A1:2009	Information technology equipment - Safety - Part 1: General requirements	no tests according to: section 4.2.8; direct plug-in equipment section 4.3.6; Flammable liquids section 4.3.12; Ionizing radiation section 4.3.13.2; cable distribution systems section 7; Insulated winding wires Annex U and Mandrel test Annex AA
Safety	DIN EN 61010-1:2002	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements (IEC 61010-1:2001); German Version EN 61010-1:2001	restriction: - no 3 phases;
Safety	IEC 61010-1:2001	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 1: General requirements	restriction: - no 3 phases;

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Technical field	Standard / Issue	Title of standard	Test area / reductions
Safety	DIN EN 61010-2-010:2004	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials (IEC 61010-2-010:2003); German Version EN 61010-2-010:2003	
Safety	IEC 61010-2-010:2003	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials	
Safety	DIN EN 61010-2-081:2004-07	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes (IEC 61010-2-081:2001 + A1:2003); German Version EN 61010-2-081:2002 + A1:2003	
Safety	IEC 61010-2-081:2001+A1:2003	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	
Safety	DIN EN 61558-1:2006+A1:2009	Amendment 1 - Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests (IEC 61558-1:2005); German version EN 61558-1:2005	no tests of: - Annex E: glow-wire test - Annex G creepage tracking resistance - Annex K insulated winding wires
Safety	IEC 61558-1:2005+A1:2009	Amendment 1 - Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests	no tests of: - Annex E: glow-wire test - Annex G creepage tracking resistance - Annex K insulated winding wires

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Safety	IEC 62368-1:2014	Audio/ video, information and communication technology equipment – Part 1: Safety requirements	Restrictions: - no 3 phase; - no amplifiers; - no cable distribution system; - no shredder; - no telecommunication equipment; - no high pressure lamps
All	DIN EN 50155:2008	Railway applications - Rolling stock - Electronic equipment; German version EN 50155:2007	No Saltmist
All	RTCA DO-160 G	Environmental Conditions and Test Procedures for Airborne Equipment	only section 7, 8 (Aircraft Type: 1, 2; Aircraft Zone: 1, 2), section 16, 20 (category S) and 21 (category M)

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non-flexible scope page 49:

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
EMC	Test procedure in Directive 72/245/EEC last changed by Directive 2009/19/EC of March 12, 2009	Council Directive 72/245/EEC of 20 June 1972 on radio interference caused by vehicles (electromagnetic compatibility) Amended by: Council Directive 2006/96/EC of 20 November 2006	Annexes IV, V, VI, VII, VIII, IX and X
EMC	Test procedure in Directive 97/24/EC last amended by Directive 2013/60/EU of November 27, 2013; Chapter 8	Directive 97/24/EC of the European Parliament and of the Council of 17 June 1997 on certain components and characteristics of two-wheeled or three-wheeled motor vehicles Chapter 8 - Electromagnetic compatibility of two-wheeled or three-wheeled motor vehicles and of electrical/electronic separate technical units	Annexes II, III, IV, V, VI and VII
EMC	Test procedures in Directive 2009/64/EC	Directive 2009/64/EC of the European Parliament and of the Council on radio interference suppression (electromagnetic compatibility) of agricultural and forestry tractors	Annexes VI, VII, VIII, IX, X and XI
EMC	§ 55a StVZO	Electromagnetic compatibility	

Abbreviations used:

- DIN Deutsches Institut für Normung e.V. – German institute for standardization
- EN Europäische Norm – European Standard
- IEC International Electrotechnical Commission
- ISO International Organization for Standardisation

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