

Equipment	Port	Parameter		min. value	max. value	
Radiated Disturbance Emission SAC (10 m)	electrical field	Frequency	MHz	30	40000	
	magnetic field		MHz	0,009	30	
	Supply Power	Phases	∅			3
		Voltage (AC)	V		0	230 (400)
		Voltage (DC)	V		0	1500
		Current (AC)	A		0	250
		Current (DC)	A		0	250
		Weight	Kg		0	4000
Radiated Disturbance Emission FAR (3 m)	Electrical field	Frequency	GHz	1	40	
	Supply Power	Phases	∅			3
		Voltage (AC)	V		0	230 (400)
		Voltage (DC)	V		0	1500
		Current (AC)	A		0	250
		Current (DC)	A		0	250
		Weight	kg			1000
	Conducted Disturbances Emission		Frequency	MHz	0.15 (0.009)	30
signal line/ AC/DC line		Phases				3
		Voltage (AC)	V		0	230 (400)
		Voltage (DC)	V		0	1500
		Current (AC)	A		0	250
		Current (DC)	A		0	250
Electrostatic Discharge Immunity	Enclosure	Voltage air	kV	0,2	16,5	
		Voltage contact	kV	0,2	9	
Electrical Fast Transient Immunity	signal line/ AC/DC line	Phases	∅		3	
		Voltage	V		1500	
		Current	A		125	
		Frequency	kHz		5	100
		Test Voltage	kV		0,2	7

Equipment	Port	Parameter		min. value	max. value
Radiated Electromagnetic Field Immunity	80 MHz - 2 GHz	Fieldstrength	V/m	1	20
	2 GHz - 6 GHz	Fieldstrength	V/m	1	10
	Supply Power	Phases	∅		3
		Voltage (AC)	V	0	230 (400)
		Voltage (DC)	V	0	1500
		Current (AC)	A	0	250
		Current (DC)	A	0	250
		Weight	kg		900 (4000)
Conducted Disturbances Immunity	signal line/ AC/DC line	Frequency	MHz	0,01	80 (230)
		Current	A		100
		Rf voltage	V	1	20
Power Frequency Magnetic Field Immunity	Enclosure	Frequency	Hz	50	60
		Fieldstrength	A/m	0	100
Voltage Dips, Interruptions and Voltage Variation Immunity	AC/DC-line	Phases	∅		3
		Voltage (AC)	V	0	230 (400)
		Voltage (DC)	V	0	1500
		Current (AC)	A	0	75 (normative 50)
		Current (DC)	A	0	75 (normative 50)
Voltage Fluctuations and Flicker Emission	Supply Power	Phases	∅		3
		Voltage (AC)	V	0	230 (400)
		Voltage (DC)	V	0	1500
		Current (AC)	A	0	75
		Current (DC)	A	0	75

Ausstattung	Disziplin	Parameter		Min. Wert	Max. Wert
Harmonic Current Emission	Supply Power	Phases	∅		3
		Voltage (AC)	V	0	230 (400)
		Voltage (DC)	V	0	1500
		Current (AC)	A	0	75
		Current (DC)	A	0	75
Surge Immunity	AC/DC/signal line	Test Voltage	kV	0,2	7
		Phases	∅		3
		Voltage	V	0	1500
		Current	A	0	125

Shielded rooms

Hall type	Discipline	Description
Semi anechoic chamber with 10m measuring distance	Radiation/Irradiation	SAC/FSOATS
Fully anechoic room with 3m measuring	Radiation	FAR
Fully anechoic room with 3m measuring distance	Precompliance radiation/radio	SAC/CDC
Full absorber chamber with 1.5m test volume	Irradiation	CDC
5 x shielded cabinet	Interference voltage/	Shielded Room