





TEST REPORT nr. R09055501	
Electromagnetic Compatibility (EMC)	
Test item	
Description.....:	AUTOMATIC DOOR
Trademark.....:	BFT
Model/Type	VISTA SL + VISTA SEL
Test Specification	
Standard	EN 61000-6-3 (2007) EN 61000-6-2 (2005)
Client's name	BFT S.p.a.
Address	Via Lago di Vico, 44 - 36015 Schio (VI) - ITALY
Manufacturer's name :	Same as client
Address	--
Report	
Tested by	C. Panozzo - Technician 
Approved by	R. Beghetto - Laboratory Manager 
Date of issue	20.05.09
Contents.....	39 pages

This test report shall not be reproduced except in full without the written approval of CMC.
 The test results presented in this report relate only to the item tested.

CMC Centro Misure Compatibilità S.r.l.



Index

1. SUMMARY	3
2. DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	5
3. TESTING AND SAMPLING	5
4. OPERATIVE CONDITIONS	5
4.1 EVALUATION CRITERIA FOR IMMUNITY TESTS	6
5. PHOTOGRAPH(S) OF EUT	7
5.1 PHOTOGRAPH(S) OF EUT	7
5.2 PHOTOGRAPH(S) OF SETUP	8
6. EQUIPMENT LIST	9
7. MEASUREMENT UNCERTAINTY	12
8. REFERENCE DOCUMENTS	13
9. DEVIATION FROM TEST SPECIFICATION	14
10. TEST CASE VERDICTS	14
11. RESULTS	14
11.1 CONTINUOUS DISTURBANCE VOLTAGE TEST (150 kHz – 30 MHz)	15
11.2 RADIATED DISTURBANCE TEST (30 – 1000 MHz)	19
11.3 HARMONIC CURRENT EMISSIONS TEST	24
11.4 VOLTAGE FLUCTUATIONS AND FLICKER TEST (50 Hz)	26
11.5 ELECTROSTATIC DISCHARGE IMMUNITY TEST	28
11.6 RADIATED ELECTROMAGNETIC FIELD IMMUNITY TEST	30
11.7 ELECTRICAL FAST TRANSIENTS / BURST IMMUNITY TEST	32
11.8 SURGE IMMUNITY TEST	34
11.9 INJECTED CURRENTS IMMUNITY TEST	36
11.10 VOLTAGE DIPS, SHORT INTERRUPTIONS AND VOLTAGE VARIATIONS IMMUNITY TEST	38



1. Summary

Emission Test:

EN 61000-6-3 (2007)

Test specifications	Environmental Phenomena	Port	Tests sequence	Result
EN 55022	Continuous disturbance voltage	AC mains	4	Complies
		DC power	--	N.A. (++)
		Telecomm. / Network	--	N.A. (++)
EN 55014 -1	Discontinuous disturbance voltage	AC mains	--	N.A. (+)
EN 55022	Radiated disturbance	Enclosure	1	Complies
EN 61000-3-2	Harmonic current emissions	AC mains	6	Complies
EN 61000-3-3	Voltage fluctuations and flicker	AC mains	5	Complies

(+) Apparatus does not generate discontinuous disturbance

(++) Port Not Present



<i>Immunity Test:</i>				
EN 61000-6-2 (2005)				
<i>Test specifications</i>	<i>Environmental Phenomena</i>	<i>Port</i>	<i>Tests sequence</i>	<i>Result</i>
EN 61000-4-2	Electrostatic discharge	Enclosure	8	Complies
EN 61000-4-3	Radiated electromagnetic field	Enclosure	7	Complies
EN 61000-4-4	Electrical Fast Transients	AC mains	2	Complies
		DC mains	--	N.A. (+)
		Signal	2	Complies
EN 61000-4-5	Surge	AC mains	10	Complies
		DC mains	--	N.A. (+)
		Signal	--	N.A. (+++)
EN 61000-4-6	Injected currents	AC mains	3	Complies
		DC mains	--	N.A. (+)
		Signal	3	Complies
EN 61000-4-8	Power-frequency magnetic field	Enclosure	--	N.A. (++)
EN 61000-4-11	Dips / Short interruptions	AC mains	9	Complies

(+) Port Not Present

(++) Apparatus does not contain devices susceptible to magnetic fields

(+++)
I/O cable and keypad cable having length less than 30 m and are not shielded

This document aims to report the compatibility test results according to the 89/336 EEC and 2004/108 EC Directives and subsequent amendments.

The Test Report was given to the Client representatives for necessary documentation of ratification of the tested equipment and it is valid for the CE marking.



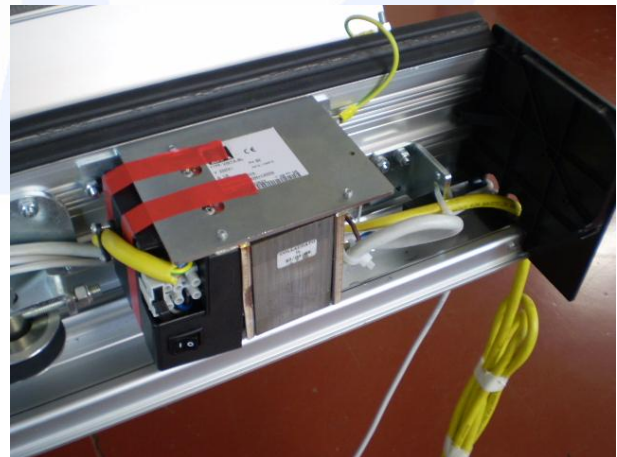
4.1 Evaluation criteria for immunity tests

Criterion A	<p>The apparatus shall continue to operate as intended during and after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance.</p> <p>If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation, and what the user may reasonably expect from the apparatus if used as intended.</p>
Criterion B	<p>The apparatus shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance.</p> <p>During the test, degradation of performance is however allowed. No change of actual operating state or stored data is allowed.</p> <p>If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation, and what the user may reasonably expect from the apparatus if used as intended.</p>
Criterion C	<p>Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.</p>



5. Photograph(s) of EUT

5.1 Photograph(s) of EUT



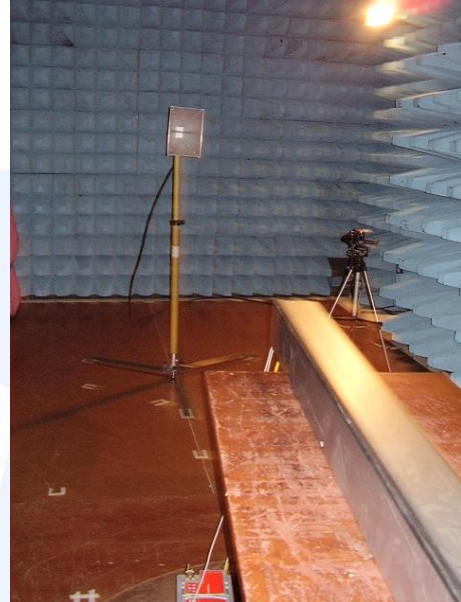


5.2 Photograph(s) of setup

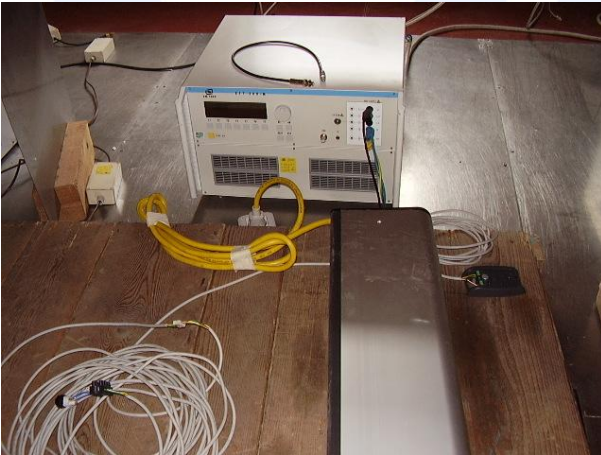
Radiated disturbance



Radiated electromagnetic field



Electrical fast transients



Injected currents





6. Equipment list

Id. number	Manufacturer	Model	Description	Serial number
CMC S001	Rohde & Schwarz	ESHS30	EMC interference receiver	862024/003
CMC S002	Rohde & Schwarz	ESVS30	EMC interference receiver	826638/011
CMC S003	SCHAFFNER	NSG 2025-4	Burst source with CDN	1010
CMC S004	SCHAFFNER	NSG 435-01	ESD simulator	1166
CMC S005	XITRON	2503	Harmonic & Flicker analyser	2503592013
CMC S006	Chauvin Arnoux	CA43	Field meter	218541RLV
CMC S007	Rohde & Schwarz	SMY01	RF signal generators	841403/038
CMC S009	Rohde & Schwarz	ESH2-Z5	Artificial network	839497/007
CMC S010	Rohde & Schwarz	ESH3-Z2	Impulses limiting device	---
CMC S012	Rohde & Schwarz	MDS21	Absorbing clamp	838506/015
CMC S013	Rohde & Schwarz	EZ-17	Current probe	840411/009
CMC S014	Rohde & Schwarz	ESH2-Z3	Passive probe	---
CMC S015	RKB	LOG801000	Log-periodic Antenna	---
CMC S016	Rohde & Schwarz	HK116	Biconical antenna	839472/001
CMC S017	Rohde & Schwarz	HL223	Log-periodic Antenna	825584/009
CMC S018	SCHAFFNER	CDN 126	Coupling clamp	128
CMC S019	FCC	FCC 801-M5-25	CDN Power Line	06
CMC S021	CMC	TRBS 01	Balance-to-unbalance transformer	---
CMC S022	Teseo	LAS 1	Loop antenna	3971
CMC S024	CMC	CTL-01	Voltage change for LISN	---
CMC S025	Salmoiraghi	1750-1	Hygro - Thermograph	323.601
CMC S026	Chroma	C6530	Power supply source	653000095
CMC S027	Amplifier Research	75A250	RF Amplifier	19349
CMC S028	FCC	FCC-203I	Injection clamp	209
CMC S029	Keytek	Cemaster	Surge, dips, burst source	9609258
CMC S030	Rohde & Schwarz	ESPC	EMC interference receiver	844006/013
CMC S031	Tektronix	TDS 210	Digital oscilloscope	B010552
CMC S032	SCHAFFNER	NSG 2050	Surge source with CDN	200111-253AR
CMC S033	Tektronix	P6015	High voltage probe	R0238/1
CMC S034	Schwarzbeck	UHA 9105	Dipole	UHA 91052234
CMC S037	Rohde & Schwarz	NRVS	Power meter	845127/023
CMC S039	CMC	BI 01	Induction coil	---
CMC S040	Walker Scientific	ELF 50-D	Magnetic field meter	K71484-290
CMC S042	Fluke	Fluke 73	Multimeter	67771510
CMC S(51-75)	CMC	LFXXX	Dummy lamp	---
CMC S076	Altitude	25438	Barometer	---
CMC S077	Fluke	Fluke-87	Multimeter	69050353
CMC S078	Amplifier Research	100W1000M1	RF Amplifier	21849
CMC S079	AH System, Inc	SAS-200/542	Biconical antenna	504
CMC S080	AH System; Inc	SAS-200/510	Log periodic antenna	807
CMC S081	AH System; Inc	SAS 200/550-1	Active Monopole Antenna	660
CMC S082	AH System; Inc	SAS-200/560	Loop Antenna	635
CMC S083	AH System; Inc	BCP-200/510	LF Current Probe	564
CMC S084	AH System; Inc	BCP-200/511	HF/VHF Current Probe	579
CMC S085	AH System; Inc	SAS-200/530	Broadband dipole	504
CMC S086	CMC	RHCP01	Resistance 470Kohm	---
CMC S087	CMC	RHCP01	Resistance 470Kohm	---
CMC S088	CMC	LFAS20	Dummy lamp	---
CMC S089	CMC	CSTARTER	Capacitor 5000pF	---
CMC S090	CMC	CSTARTER	Capacitor 5000pF	---
CMC S091	CMC	DIPLP	Dipole for Loop Antenna control	---
CMC S094	Schwarzbeck	NNBM 8126-A	Artificial network	8126A161
CMC S095	FCC	FCC 801-M3-16	CDN power line	9821



Id. number	Manufacturer	Model	Description	Serial number
CMC S096	B & K	2260	Phonometer	1847463
CMC S105	Decca	PA-50	Log-periodic antenna	34/17977 - b
CMC S106	Gigatronix	900	RF signal generator	323001
CMC S107	Hewlett Packard	HP8563E	Spectrum analyser	3846A09658
CMC S108	Emco	3115	Horn antenna	9811-5622
CMC S109	Farnell	LFM4	LF signal generator	531
CMC S110	CMC	OPS800	Open strip line 800mm	---
CMC S111	LEM HEME	PR 1001	Current probes	---
CMC S112	Amplifier Research	DC3010	Directional coupler	15238
CMC S114	Schwarzbeck	VHA 9103	Dipole	VHA 91031801
CMC S116	CMC	BCIP01	Bulk current injection probe	--
CMC S117	MARCONI	2019A	RF signal generator	118453/014
CMC S118	Hewlett Packard	E3632A	Programmable power supply	KR75301881
CMC S119	Hewlett Packard	HP8903B	Audio Analyzer	3011A09055
CMC S120	FCC	FC130-A	Bulk Current Injection Probe	118
CMC S121	Wavetek	LCR55	Bridge LCR	20104738
CMC S122	Fluke	336	Amperometric clamp meter	81754972
CMC S123	Rohde & Schwarz	SML03	RF signal generator	100625
CMC S124	Spin	AMTP42-20	Horn Antenna	103
CMC S125	SCHAFFNER	PNW 2003	Dips source	200234-014SC
CMC S126	LDS + Dactron	V730-335+LASER	Vibration testing system	132+133+4512698
CMC S127	SCHAFFNER	HLA6120	Loop Antenna	1191
CMC S128	SCHAFFNER	CBA9428	RF Amplifier	1006
CMC S129	Rohde & Schwarz	ESPI7	Receiver	836.914/004
CMC S130	SCHAFFNER	NSG 5000	Automotive Impulse Generator	02032579-1
CMC S131	SCHAFFNER	CDN 500	Capacitive clamp	400-151/0128
CMC S132	CMC	OPS150	Open strip line 150mm	---
CMC S133	RKB	LOG8002500	Log-periodic Antenna	---
CMC S135	LEM HEME	PR 30	Current Probe	P04217832830
CMC S136	Schwarzbeck	VULB 9136	Broadband Antenna	9136-205
CMC S138	Agilent	33220A	Function / Arbitrary Waveform Gen.	MY44003979
CMC S139	Wilcoxon	736	Accelerometer 101 mV/g	12245
CMC S140	Wilcoxon	732A	Accelerometer 9.8 mV/g	1424
CMC S141	Dytran	3023A1	Accelerometer Triaxial	383
CMC S142	Narda	ELT-400+B-sensor	Exposure level tester	D-0034+D-0032
CMC S143	EM TEST	DPA 500	Harmonic & Flicker analyser	0903 - 04
CMC S144	Rohde & Schwarz	URV5	Power meter	881375/004
CMC S145	Hewlett Packard	778D	Directional coupler	17237
CMC S146	Amplifier Research	10W1000B	RF Amplifier	18451
CMC S150	RKB	LOG3080	Log-periodic Antenna	---
CMC S155	Chroma	61705	Power supply source	000000088
CMC S156	Yokogawa	DL9040	Digital oscilloscope	91F643771
CMC S158	CMC	ITF	Impedance	---
CMC S159	Rohde & Schwarz	SM300	RF signal generator	1006114
CMC S161	EM TEST	EFT 500 M4 S1	Burst source with CDN	V0739102946
CMC S162	FCC	FCC 801-M2-16	CDN power line	07047
CMC S163	NOISEKEN	ESS-2002+TC-815R	ESD simulator	ESS0787336
CMC S164	Rohde & Schwarz	ESU26	EMC interference receiver	100052
CMC S170	Amplifier Research	FL7006	Field meter	0327425
CMC S171	Schwarzbeck	BBHA 9120 LF(A)	Broadband Antenna (0.7 - 6 GHz)	284
CMC S172	Schwarzbeck	VHBD9134+BBAL9136	Broadband Antenna (20 - 200 MHz)	9134-037
CMC S173	Luthi	CDN L-801 AF4	CDN I/O line	2481
CMC S174	Luthi	CDN L-801 AF8	CDN I/O line	2482
CMC S175	Luthi	CDN L-801 T2	CDN I/O line	2473
CMC S176	Luthi	CDN L-801 T4	CDN I/O line	2475
CMC S177	Luthi	CDN L-801 T8	CDN I/O line	2476



<i>Id. number</i>	<i>Manufacturer</i>	<i>Model</i>	<i>Description</i>	<i>Serial number</i>
CMC S178	Schwarzbeck	STLP 9128 C	Broadband Antenna (150 - 4000 MHz)	086
CMC S179	Frankonia	FLL-250A	RF Amplifier	1023
CMC S180	Milmega	RF350	RF Amplifier	1031422
CMC S181	Milmega	AS0822-200	RF Amplifier	1031424
CMC S182	Milmega	AS0206-50	RF Amplifier	1031425
CMC S183	Minicircuits	PWR-SEN-6G+	Power sensor	0809070042
CMC A001	Sispe	F5123	Shield chamber	---
CMC A002	SIDT	951130	Anechoic chamber	---
CMC A007	CMC	10707	Semi-anechoic chamber	---
CMC A008	CMC	BPA	Track for absorbing clamp	---
CMC A013	CMC	TR01	Rotary motorized table	---
CMC A014	CMC	PM01	Antenna positioning Mast	---
CMC B026	Angelantoni	UY 245 IU	Climatic chamber	1059.78





7. Measurement uncertainty

Test	Expanded Uncertainty	note
Conducted Emission		
(50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.8 dB	1
(50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.4 dB	1
(Voltage probe) - (150 kHz – 30 MHz)	±3.0 dB	1
(50Ω/5μH AMN) - (150 kHz – 108 MHz)	±3.2 dB	1
Discontinuous Conducted Emission		
Conducted Emission (50Ω/50μH AMN) - (9 kHz – 150 kHz)	±3.8 dB	1
Conducted Emission (50Ω/50μH AMN) - (150 kHz – 30 MHz)	±3.4 dB	1
Disturbance Power (30 MHz – 300 MHz)		
	±3.2 dB	1
Radiated Emission		
(0,150 MHz – 30 MHz)	±4.5 dB	1
(30 MHz – 1000 MHz)	±4.8 dB	1
(1 GHz – 6 GHz)	±4.4 dB	1
Electromagnetic field EMF		
	±18.8 dB	1
Harmonic current emissions test		
	±2.4 %	1
Voltage fluctuation and flicker test		
	±6.0 %	1
Insertion loss test		
	±2.6 %	1
Radiated electromagnetic disturbance test (loop antenna)		
	±2.5 %	1
Radiated electromagnetic field immunity test		
	0.9 V/m at 3V/m	1
Pulse modulated radiated electromagnetic field immunity test		
	0.9 V/m at 3V/m	1
Injected currents immunity test		
	0.6 V at 3V	1
Bulk current		
	9 mA at 60 mA	1
Power frequency magnetic field immunity test		
	0.3 A/m at 3 A/m	1
Electrostatic discharge immunity test		2
Electrical fast transients / burst immunity test		2
Surge immunity test		2
Short interruption immunity test		2
Voltage transient emission test		±5 %
Transient immunity test		2

Notes

Note 1:

The expanded uncertainty reported according to EN55016-4-2(2004-10) is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of p = 95%

Note 2:

It has been demonstrated that the used test equipment meets the specified requirements in the standard with at least a 95% confidence, covering factor k = 2.



8. Reference documents

Reference no.	Description
EN 61000-6-3 (2007)	Electromagnetic compatibility (EMC) – Part 6-3: Generic Standard – Emission standard for residential, commercial and light-industrial environments.
EN 61000-6-2 (2005)	Electromagnetic compatibility (EMC) – Part 6-2: Generic standard - immunity for industrial environments
EN 55022 (2006) + /A1 (2007)	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement
EN 61000-3-2 (2006)	Electromagnetic compatibility (EMC) - Part 3: Limits – Section 2: Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)
EN 61000-3-3 (1995) + / A1 (2001) + /A2 (2005) + /IS1 (2005)	Electromagnetic compatibility (EMC) - Part 3: Limits – Section 3: Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≤ 16 A
EN 61000-4-2 (1995) + / A1 (1998) + /A2 (2001)	Electromagnetic compatibility (EMC) - Part 4: Testing and measurement techniques - Section 2: Electrostatic discharge immunity test
EN 61000-4-3 (2006) + /A1 (2008)	Electromagnetic compatibility (EMC) - Part 4 : Testing and measurement techniques – Section 3: Radiated, radio-frequency, electromagnetic field immunity test
EN 61000-4-4 (2004)	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test
EN 61000-4-5 (2006)	Electromagnetic compatibility (EMC) - Part 4 : Testing and measurement techniques – Section 5: Surge immunity test
EN 61000-4-6 (2007)	Electromagnetic compatibility (EMC) -- Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
EN 61000-4-8 (1993) + / A1 (2001)	Electromagnetic compatibility (EMC) - Part 4 : Testing and measurement techniques - Section 8: Power frequency magnetic field immunity test – Basic EMC publication
EN 61000-4-11 (2004)	Electromagnetic compatibility (EMC) - Part 4 : Testing and measurement techniques - Section 11: Voltage dips, short interruptions and voltage variations immunity tests
Internal Procedure PM001 rev. 2.0 (Quality Manual)	Measure procedure
Internal procedure INC_M rev. 6.0 (Quality Manual)	Measurement uncertainty calculation

CMC Centro Misure Compatibilità S.r.l.



9. Deviation from test specification

In agreement with the client, emission tests were performed with peak detector .

At the frequencies where the measures exceed the limit or within 6dB from it, the test was repeated with quasi-peak detector and/or average detector.

10. Test case verdicts

Test case does not apply to the test object..... : N / N.A.

Test item does meet the requirement..... : P / Pass / Complies

Test item does not meet the requirement..... : F / Fail / Does not comply

Test not performed : NE / Not Executed

11. Results

In this clause tests results are reported.

The evaluation of EUT performance during immunity test has been performed by members of CMC staff.

Measurement uncertainty is in accordance with document CMC INC_M rev. 6.0.

Measurement uncertainty calculated with: 95% of confidence level, covering factor $k = 2$

In the emission tests the product is considered to comply standard when it is below the limit decreased by measurement uncertainty. (Judgement of conformity class A of the document INC_M rev. 6.0).



11.1 Continuous disturbance voltage test (150 kHz – 30 MHz)

Test set-up and execution

- EN 55022 cl. 8 – 9
- EN 61000-6-3 tab. 1
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
 Shielded chamber (CMC A001)

Auxiliary equipment:
 See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S001, CMC S009, CMC S010

Measurement uncertainty: See clause 7 of this test report

Test specification

Frequency range: 150 kHz – 30 MHz

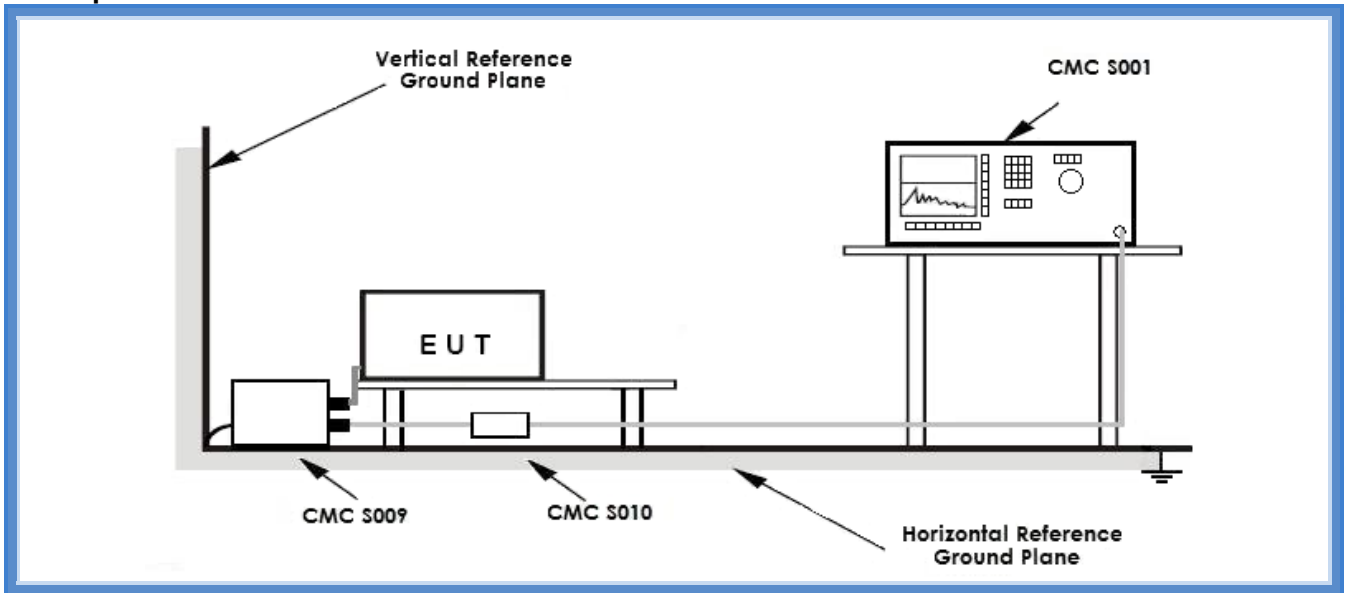
- Port:
- AC main port
 - DC power port
 - Telecommunications / Network port

Acceptance limits

Frequency range (MHz)	AC main		DC power		Telecommunications / Network	
	dB(μV) Quasi-peak	dB(μV) Average	dB(μV) Quasi-peak	dB(μV) Average	dB(μV) Quasi-peak	dB(μV) Average
0,15 to 0,50	66 to 56	56 to 46	79	66	84 to 74	74 to 64
0,50 to 5	56	46	73	60	74	64
5 to 30	60	50	73	60	74	64



Setup



Result

Line	Graphs	Remarks	Result
N	G09055517	--	Complies
L1	G09055518	--	Complies
Remarks:	--		

Graphs Legend

PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a X
 AV: Average; AV [1s] (average at 1 second) values are marked with a +

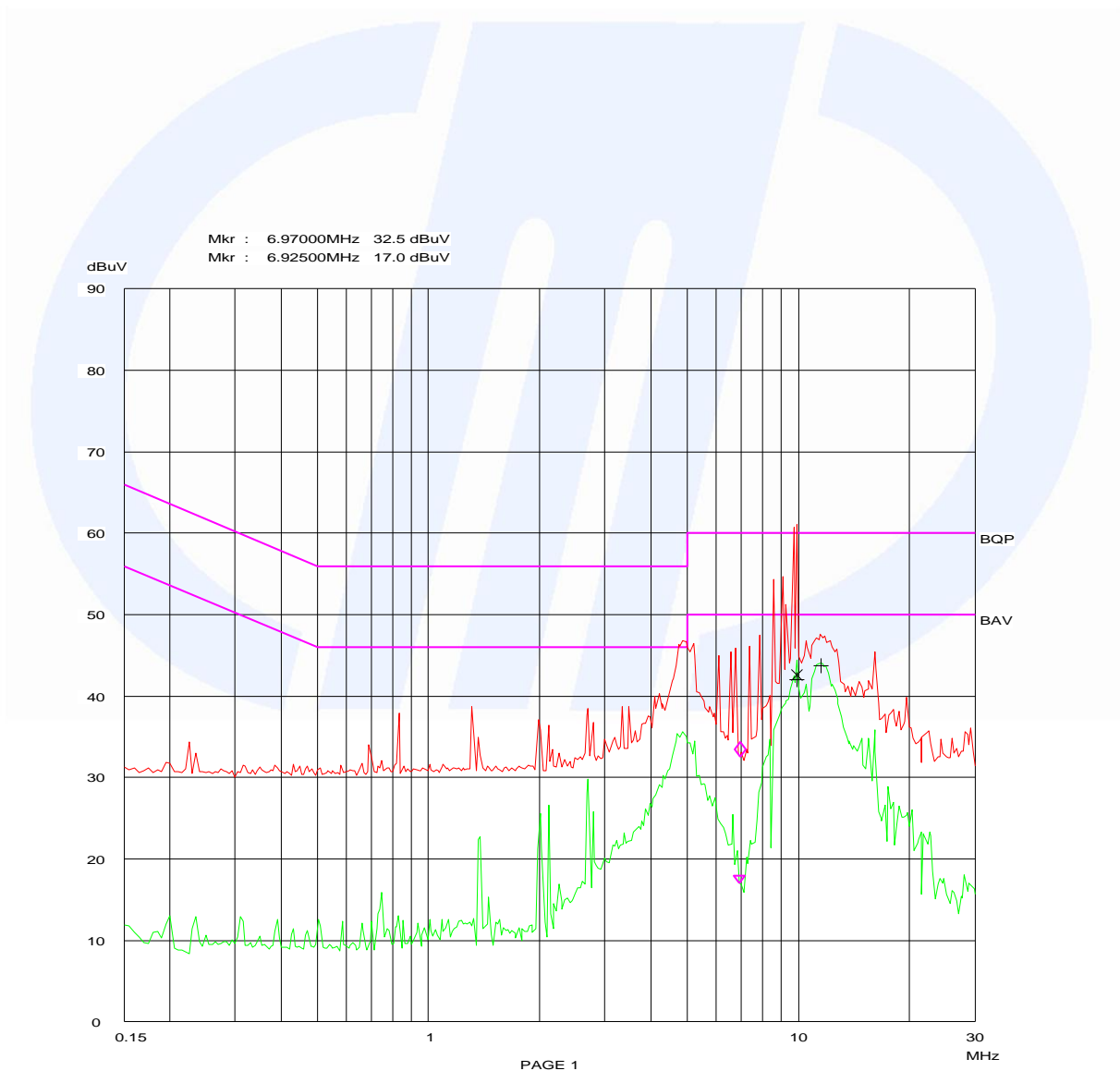


Graphs

CMC Centro misure compatibilita srl

Emission 0.15-30MHz

Op Cond: Cicli apertura chiusura
Operator: Panozzo 09055517
Test Spec: Line N

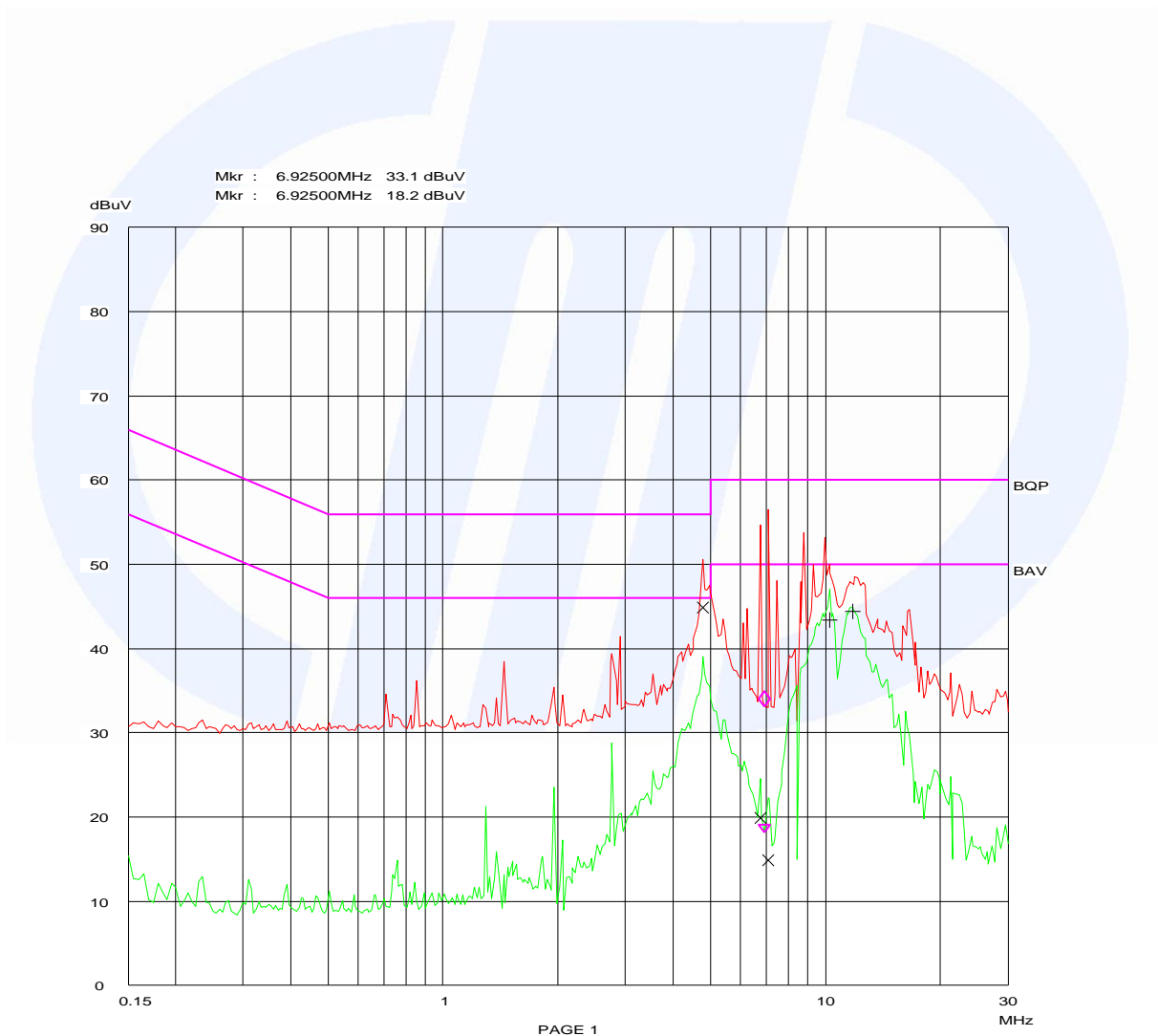




CMC Centro misure compatibilita srl

Emission 0.15-30MHz

Op Cond: Cicli apertura chiusura
Operator: Panozzo 09055518
Test Spec: Line L



Result: The requirements are met



11.2 Radiated disturbance test (30 – 1000 MHz)

Test set-up and execution

- EN 55022 cl. 8 - 10
- EN 61000-6-3 tab. 1
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
 Semi-anechoic chamber (CMC A007)

Auxiliary equipment:
 See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S136, CMC S164, CMC A013, CMC A014

Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
 Frequency range: 30 - 1000 MHz
 Antenna polarization: Horizontal (H) – Vertical (V)
 EUT – Antenna distance: 3m

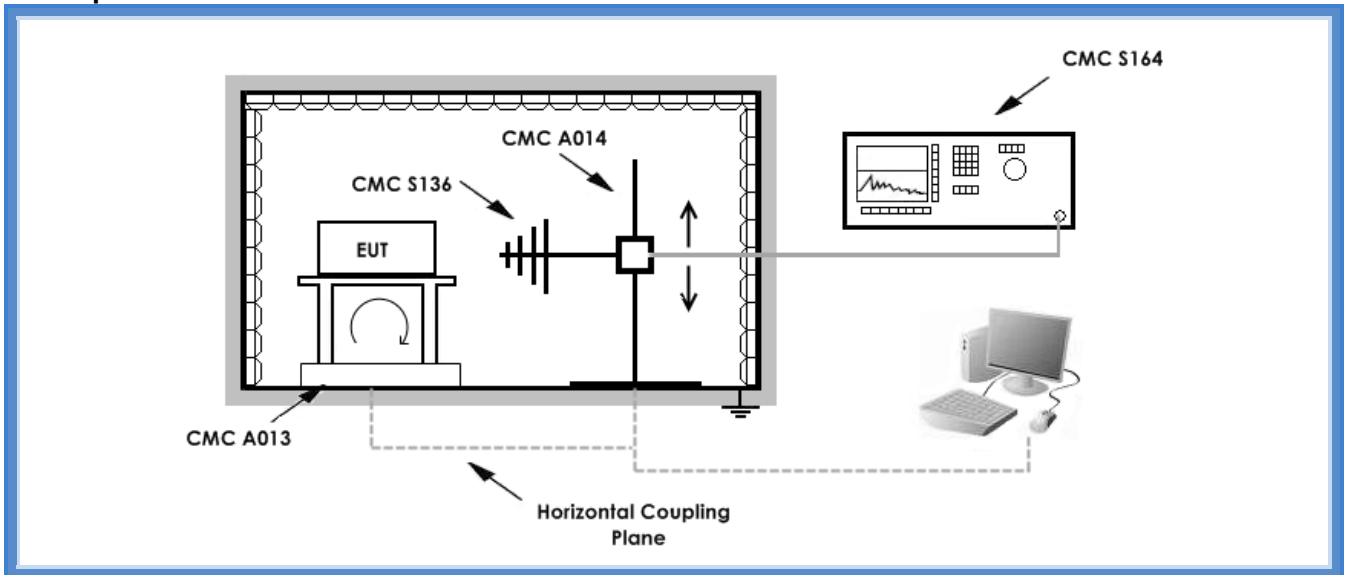
Acceptance limits

Frequency range (MHz)	Limits [dB(μV/m)] (~)
30 to 230	40
230 to 1000	47

(~) limits increased according to EN 55022 subclause 10.3.1



Setup



Result

Polarization	Graphs	Remarks	Result
V	G09055510	--	Complies
H	G09055511	--	Complies
Remarks:	--		

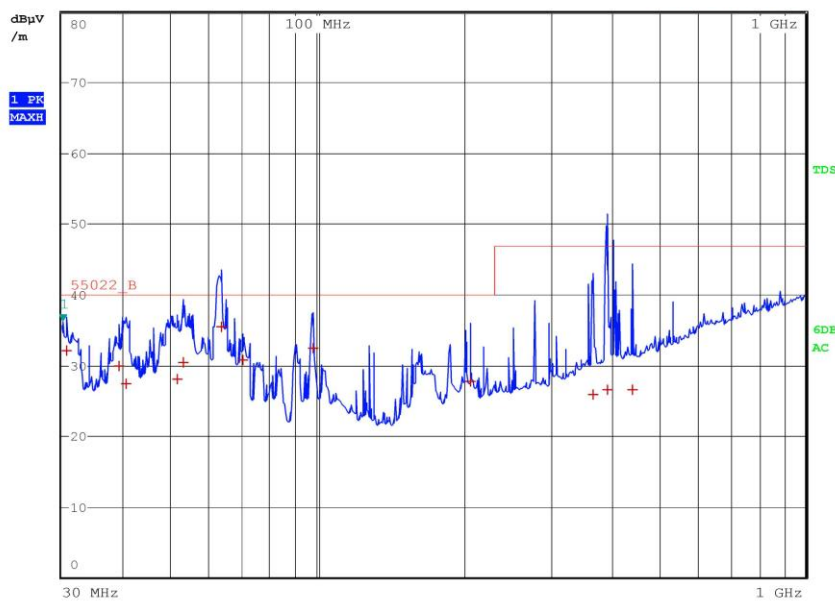
Graphs Legend

PK: Peak; QP [1s] (quasi-peak at 1 second) values are marked with a X
 AV: Average; AV [1s] (average at 1 second) values are marked with a +



Graphs

Meas Type Emission 30 - 100MHz
Equipment under Test
Manufacturer
OP Condition Cicli di apertura e chiusura
Operator Panozzo 09055510
Test Spec
Vert.. max hold 4 lati





Meas Type Emission 30 - 1000MHz
Equipment under Test
Manufacturer
OP Condition Cicli di apertura e chiusura
Operator Panozzo 09055510
Test Spec
 Vert.. max hold 4 lati

Final Measurement

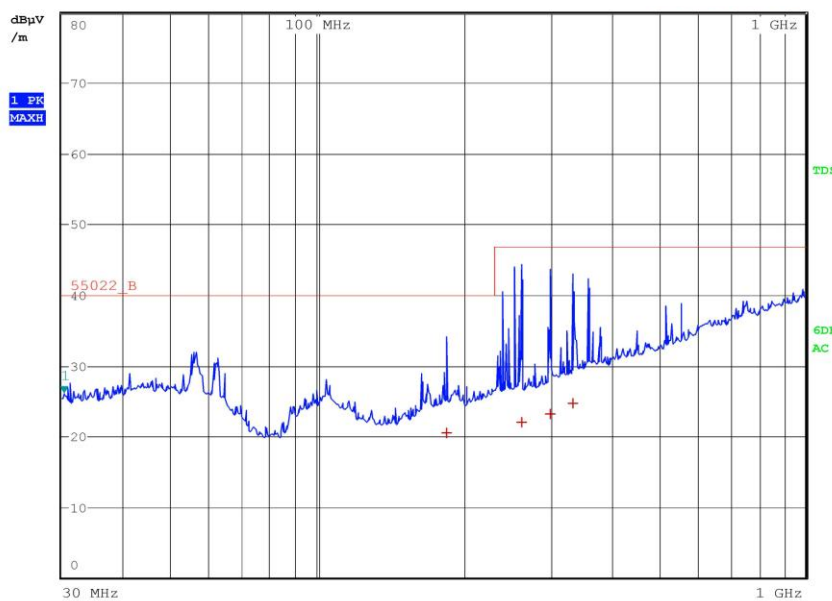
Meas Time: 1 s
 Margin: 6 dB
 Subranges: 12

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	30.640000000 MHz	32.00	Quasi Peak	-8.00
1	39.320000000 MHz	29.78	Quasi Peak	-10.22
1	40.560000000 MHz	27.37	Quasi Peak	-12.63
1	51.760000000 MHz	28.03	Quasi Peak	-11.97
1	53.200000000 MHz	30.36	Quasi Peak	-9.64
1	63.520000000 MHz	35.35	Quasi Peak	-4.65
1	70.280000000 MHz	30.61	Quasi Peak	-9.39
1	97.880000000 MHz	32.30	Quasi Peak	-7.70
1	206.240000000 MHz	27.59	Quasi Peak	-12.41
1	366.960000000 MHz	25.73	Quasi Peak	-21.27
1	393.000000000 MHz	26.49	Quasi Peak	-20.51
1	441.440000000 MHz	26.51	Quasi Peak	-20.49

CMC Centro Misure Compatibilità S.r.l.



Meas Type Emission 30 - 1000MHz
Equipment under Test
Manufacturer
OP Condition Cicli di apertura e chiusura
Operator Panozzo 09055511
Test Spec
 Horiz.. max hold 4 lati



Final Measurement

Meas Time: 1 s
 Margin: 6 dB
 Subranges: 4

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	184.160000000 MHz	20.47	Quasi Peak	-19.53
1	262.280000000 MHz	22.01	Quasi Peak	-24.99
1	300.280000000 MHz	23.15	Quasi Peak	-23.85
1	334.040000000 MHz	24.62	Quasi Peak	-22.38

Result: The requirements are met

CMC Centro Misure Compatibilità S.r.l.



11.3 Harmonic current emissions test

Test set-up and execution

- EN 61000-3-2 cl. 6-7 - annexes A / C
- EN 61000-6-3 tab. 1
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Test table "Harmonic current"

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S143, CMC S155

Measurement uncertainty: See clause 7 of this test report

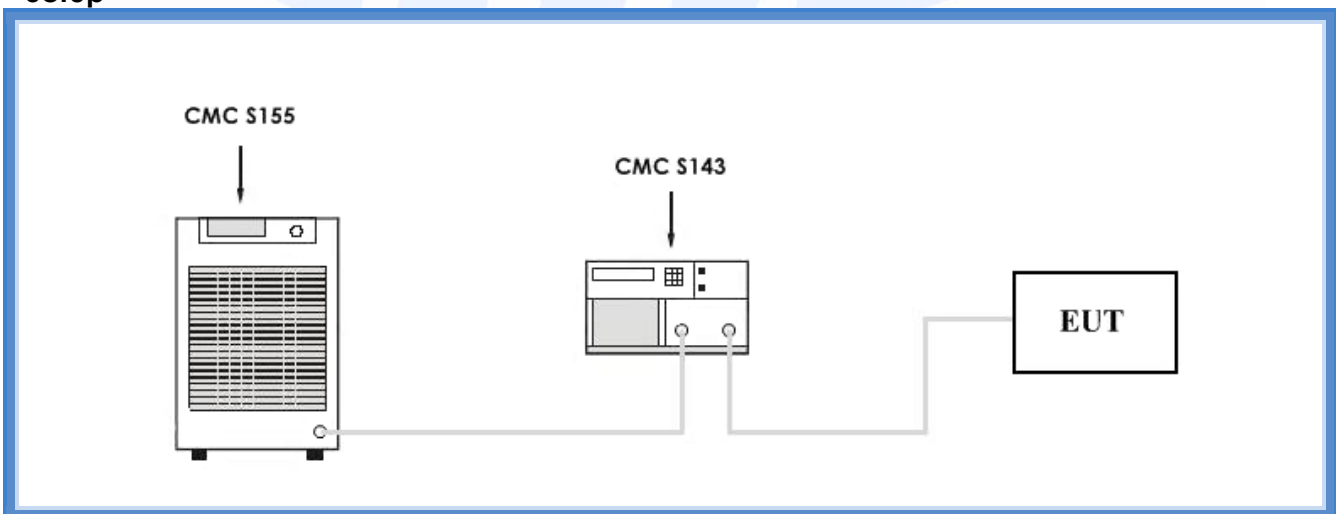
Test specification

Port: AC mains ;
Frequency range: 0 – 2 kHz
Class: A

Acceptance limits

See table result

Setup





Result

Test Observation Time: 150s

Average harmonic current results

Hn	I _{eff} [A]	I _{eff} [%]	Limit [A]	Result
1	187.989E-3	100.000		
2	20.715E-3	11.019	1.08	PASS
3	63.606E-3	33.835	2.30	PASS
4	5.695E-3	3.029	430.00E-3	PASS
5	69.669E-3	37.060	1.14	PASS
6	2.913E-3	1.550	300.00E-3	PASS
7	32.918E-3	17.511	770.00E-3	PASS
8	1.049E-3	0.558	230.00E-3	PASS
9	14.705E-3	7.822	400.00E-3	PASS
10	1.103E-3	0.587	184.00E-3	PASS
11	9.248E-3	4.919	330.00E-3	PASS
12	843.596E-6	0.449	153.33E-3	PASS
13	6.962E-3	3.704	210.00E-3	PASS
14	775.323E-6	0.412	131.43E-3	PASS
15	5.179E-3	2.755	150.00E-3	PASS
16	544.042E-6	0.289	115.00E-3	PASS
17	3.931E-3	2.091	132.35E-3	PASS
18	532.778E-6	0.283	102.22E-3	PASS
19	3.306E-3	1.759	118.42E-3	PASS
20	482.564E-6	0.257	92.00E-3	PASS
21	2.699E-3	1.436	160.71E-3	PASS
22	423.702E-6	0.225	83.64E-3	PASS
23	2.110E-3	1.122	146.74E-3	PASS
24	422.579E-6	0.225	76.66E-3	PASS
25	1.978E-3	1.052	135.00E-3	PASS
26	428.098E-6	0.228	70.77E-3	PASS
27	1.796E-3	0.955	124.99E-3	PASS
28	413.968E-6	0.220	65.71E-3	PASS
29	1.365E-3	0.726	116.39E-3	PASS
30	387.894E-6	0.206	61.33E-3	PASS
31	1.272E-3	0.677	108.87E-3	PASS
32	413.111E-6	0.220	57.50E-3	PASS
33	1.281E-3	0.682	102.27E-3	PASS
34	376.025E-6	0.200	54.12E-3	PASS
35	1.010E-3	0.537	96.44E-3	PASS
36	401.272E-6	0.213	51.11E-3	PASS
37	956.900E-6	0.509	91.21E-3	PASS
38	366.201E-6	0.195	48.42E-3	PASS
39	989.762E-6	0.526	86.53E-3	PASS
40	361.028E-6	0.192	46.00E-3	PASS

Maximum harmonic current results

Hn	I _{eff} [A]	I _{eff} [%]	Limit [A]	Result
1	277.935E-3	100.000		
2	24.202E-3	8.708	1.62	PASS
3	120.940E-3	43.514	3.45	PASS
4	10.843E-3	3.901	645.00E-3	PASS
5	95.670E-3	34.422	1.71	PASS
6	6.373E-3	2.293	450.00E-3	PASS
7	37.808E-3	13.603	1.15	PASS
8	2.612E-3	0.940	345.00E-3	PASS
9	19.010E-3	6.840	600.00E-3	PASS
10	2.723E-3	0.980	276.00E-3	PASS
11	11.927E-3	4.291	495.00E-3	PASS
12	2.399E-3	0.863	229.99E-3	PASS
13	9.593E-3	3.452	315.00E-3	PASS
14	1.983E-3	0.713	197.15E-3	PASS
15	6.852E-3	2.465	225.00E-3	PASS
16	1.318E-3	0.474	172.50E-3	PASS
17	5.272E-3	1.897	198.52E-3	PASS
18	1.267E-3	0.456	153.33E-3	PASS
19	4.343E-3	1.563	177.63E-3	PASS
20	1.289E-3	0.464	138.00E-3	PASS
21	3.790E-3	1.364	160.71E-3	PASS
22	1.101E-3	0.396	125.46E-3	PASS
23	2.953E-3	1.062	146.74E-3	PASS
24	1.012E-3	0.364	114.99E-3	PASS
25	2.633E-3	0.947	135.00E-3	PASS
26	995.630E-6	0.358	106.16E-3	PASS
27	2.392E-3	0.861	124.99E-3	PASS
28	964.209E-6	0.347	98.57E-3	PASS
29	2.011E-3	0.724	116.39E-3	PASS
30	851.468E-6	0.306	92.00E-3	PASS
31	1.730E-3	0.623	108.87E-3	PASS
32	876.481E-6	0.315	86.25E-3	PASS
33	1.740E-3	0.626	102.27E-3	PASS
34	828.462E-6	0.298	81.18E-3	PASS
35	1.550E-3	0.558	96.44E-3	PASS
36	802.211E-6	0.289	76.66E-3	PASS
37	1.372E-3	0.494	91.21E-3	PASS
38	743.021E-6	0.267	72.63E-3	PASS
39	1.322E-3	0.476	86.53E-3	PASS
40	759.052E-6	0.273	69.00E-3	PASS

Result: The requirements are met



11.4 Voltage fluctuations and flicker test (50 Hz)

Test set-up and execution

- EN 61000-3-3 cl. 6 - annex A
- EN 61000-6-3 tab. 1
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
 Test table "Voltage fluctuations and flicker"

Auxiliary equipment:
 See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S143, CMC S155, CMC S158

Measurement uncertainty: See clause 7 of this test report

Test specification

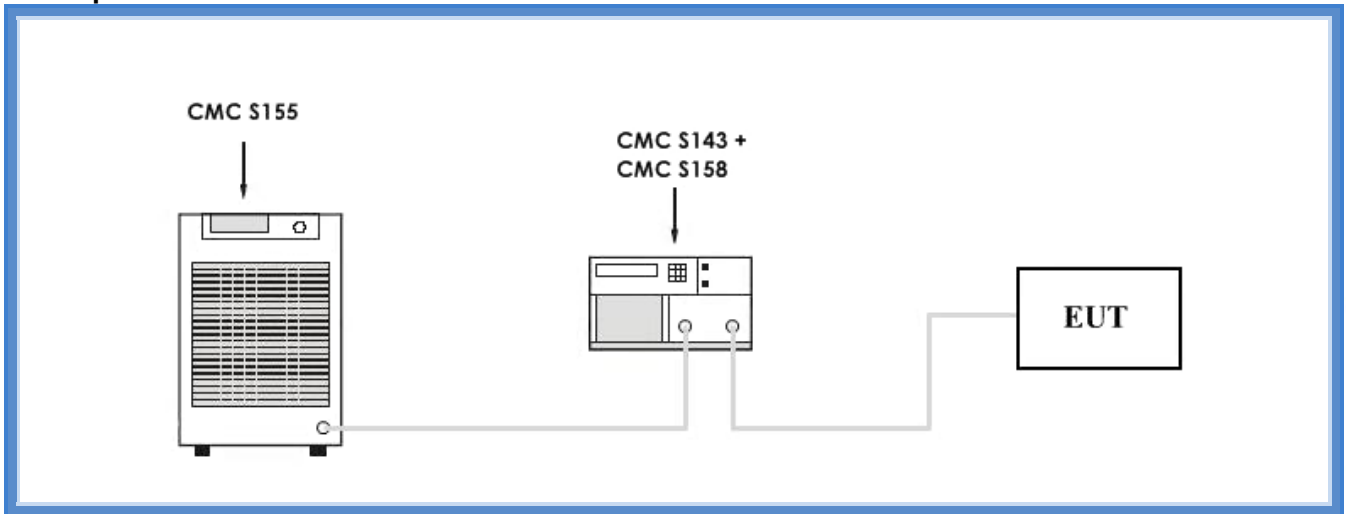
Port: AC mains ;
 Frequency range: 50 Hz

Acceptance limits

Pst	Plt	dc	dmax	d(t)
<1	N.A.	< 3,3% Unom	< 4% Unom	Not > 3,3% for more than 500ms



Setup



Result

	EUT values	Limit	Result
Pst	0.088	1.00	PASS
dc [%]	0.102	3.30	PASS
dmax [%]	1.374	4.00	PASS
dt [s]	0.000	0.50	PASS

Remarks: starting cycle, opening and closing cycles

Result: The requirements are met



11.5 Electrostatic discharge immunity test

Test set-up and execution

- EN 61000-4-2 cl. 7-8
- EN 61000-6-2 tab. 1 sec. 1.5
- Internal procedure PM001
- See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test configuration and test method

Test site:
 Test table "Electrostatic discharge"

Auxiliary equipment:
 See clause 4 of this test report

Test equipment used

CMC S163, CMC S086, CMC S087

Measurement uncertainty: See clause 7 of this test report

Test specification

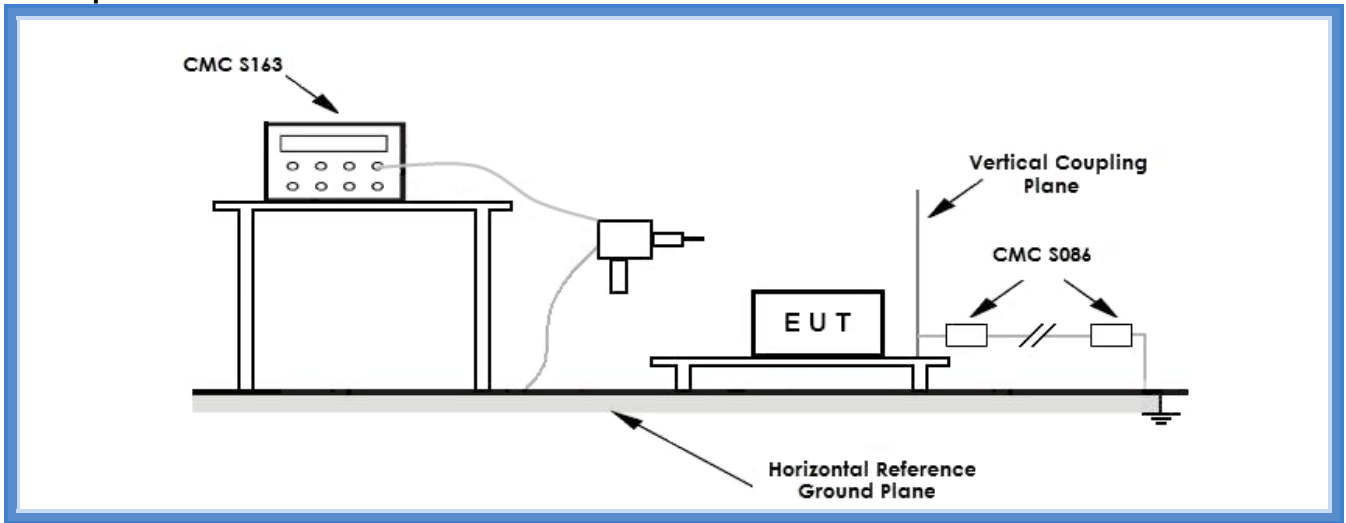
Port	Discharge method	Level (kV)	Repetition
Enclosure	Air	8	Single hint
Enclosure	Contact	4	10

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	40

Acceptance limits	Criterion B (See clause 4 of this test report)
--------------------------	--

Setup



Result

Discharge	Position	Result		Remarks
		+ polarity	- polarity	
Contact Direct ESD (4 kV)	Enclosure	A	A	--
Contact Indirect ESD (4 kV)	Vertical coupling plane	A	A	--
Remarks: --				

Result: The requirements are met



11.6 Radiated electromagnetic field immunity test

Test set-up and execution

- EN 61000-4-3 cl. 7-8
- EN 61000-6-2 tab. 1 sec 1.2, 1.3 and 1.4
- Internal procedure PM001
- See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test configuration and test method

Test site:

Anechoic chamber (CMC A002)

Auxiliary equipment:

- See clause 4 of this test report
- Camera

Test equipment used

CMC S015, CMC S037, CMC S078, CMC S112,
 CMC S123, CMC S128, CMC S133

Measurement uncertainty: See clause 7 of this test report

Test specification

Port	Frequency range	Level	Modulation
Enclosure	80 MHz – 1 GHz	10V/m (unmodulated)	AM 80% - 1 kHz
Enclosure	1,4 GHz – 2 GHz	3V/m (unmodulated)	AM 80% - 1 kHz
Enclosure	2 GHz – 2,7 GHz	1V/m (unmodulated)	AM 80% - 1 kHz

Antenna polarization	Step	Actuation time	Test distance
Horizontal(H) Vertical(V)	1 %	3 s	3 m

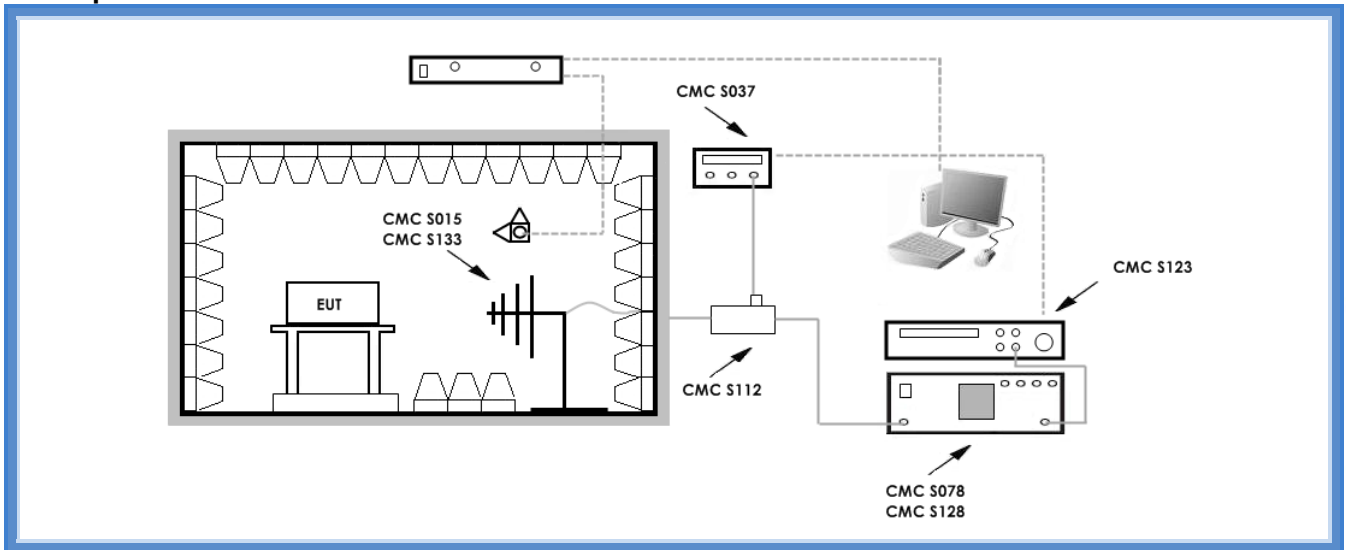
calibration according to internal procedure PT006: certificate nr. CMCIMM_IRR4_3

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	43

Acceptance limits	Criterion A (See clause 4 of this test report)

Setup



Result

Side	Frequency Range (MHz)	Level (V/m)	Result		Remarks
			H	V	
Front	80 – 1000	10	A	A	--
Left	80 – 1000	10	A	A	--
Right	80 – 1000	10	A	A	--
Rear	80 – 1000	10	A	A	--
Front	1400 – 2000	3	A	A	--
Left	1400 – 2000	3	A	A	--
Right	1400 – 2000	3	A	A	--
Rear	1400 – 2000	3	A	A	--
Front	2000 – 2700	1	A	A	--
Left	2000 – 2700	1	A	A	--
Right	2000 – 2700	1	A	A	--
Rear	2000 – 2700	1	A	A	--

Remarks: --

Result: The requirements are met



11.7 Electrical Fast Transients / Burst immunity test

Test set-up and execution

- EN 61000-4-4 cl. 7-8
- EN 61000-6-2 tab. 2, 3 and 4
- Internal procedure PM001
- See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test configuration and test method

Test site:

Test table "Electrical Fast Transients / Burst"

Auxiliary equipment:

See clause 4 of this test report

Test equipment used

CMC S161, CMC S018

Measurement uncertainty: See clause 7 of this test report

Test specification

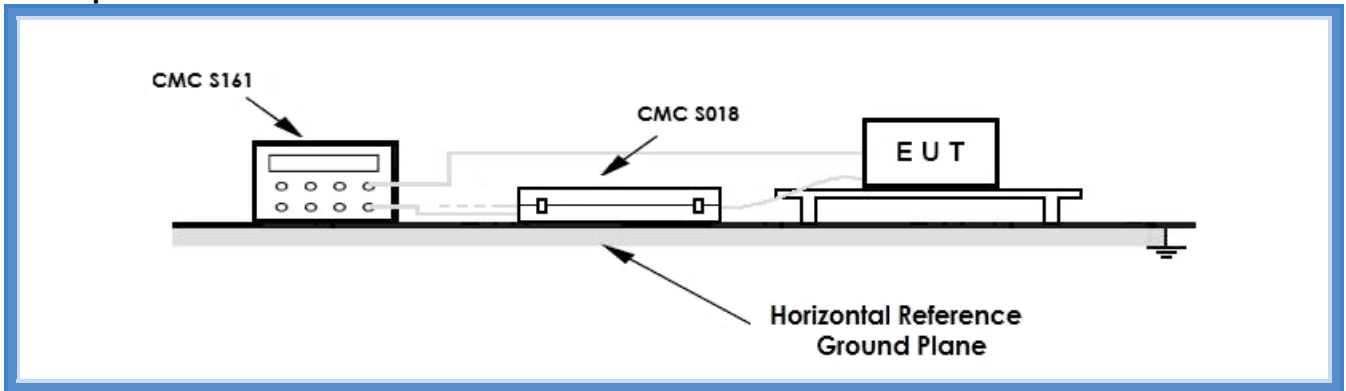
	Level	T_r/T_d	Frequency	Time
<input checked="" type="checkbox"/> Signal ports (EN 61000-6-2 tab. 2 sec 2.2)	1 kV (peak)	5/50 ns	5 kHz	1 min.
<input type="checkbox"/> Input and Output DC power ports (EN 61000-6-2 tab. 3 sec 3.3)	2 kV (peak)	5/50 ns	5 kHz	1 min.
<input checked="" type="checkbox"/> Input and Output AC power ports (EN 61000-6-2 tab. 4 sec 4.5)	2 kV (peak)	5/50 ns	5 kHz	1 min.

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	43

Acceptance limits	Criterion B (See clause 4 of this test report)
--------------------------	--

Setup



Result

Line	Level (kV)	Result Polarity		Remarks
		Positive	Negative	
N	2	A	A	--
L1	2	A	A	--
N+L1	2	A	A	--
PE	2	A	A	--
L1+PE	2	A	A	--
N+PE	2	A	A	--
N+L1+PE	2	A	A	--
I/O cable	1	A	A	--
Keypad cable	1	A	A	--
Remarks: --				

Result: The requirements are met



11.8 Surge immunity test

Test set-up and execution

- EN 61000-4-5 cl. 7-8
- EN 61000-6-2 tab. 3 and 4
- Internal procedure PM001
- See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test specification

Pulse: 1,2 / 50 (8/20) Tr/Td μ s; Phase: 0°-90°-180°-270°; Repetitions: 5; Repetition rate: 1 / min

	Level
<input type="checkbox"/> Signal ports (EN 61000-6-2 tab. 2 sec 2.3)	± 1 kV (line to earth)
<input type="checkbox"/> Input and Output DC power ports (EN 61000-6-2 tab. 3 sec 3.2)	$\pm 0,5$ kV (line to earth) $\pm 0,5$ kV (line to line)
<input checked="" type="checkbox"/> Input and Output AC power ports (EN 61000-6-2 tab. 4 sec 4.4)	± 2 kV (line to earth) ± 1 kV (line to line)

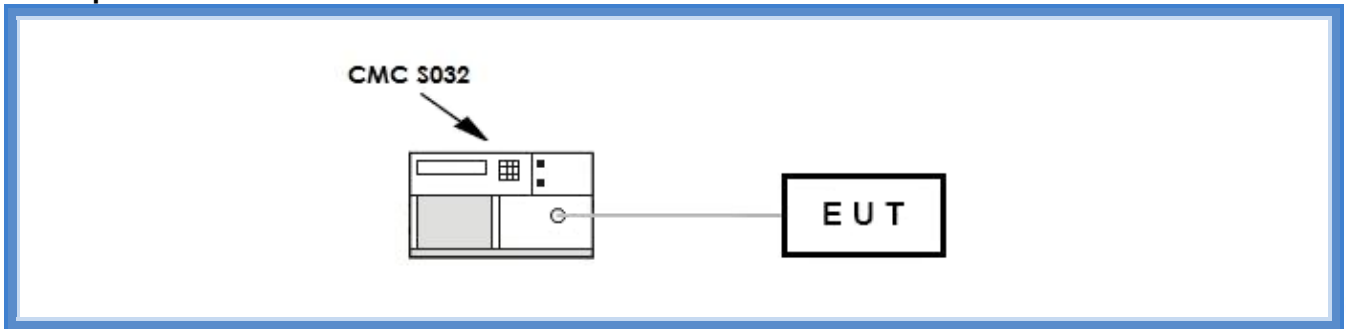
Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	40

Acceptance limits	Criterion B (See clause 4 of this test report)
--------------------------	--



Setup



Result

Line	Level (kV)	Phase	Result Polarity		Remarks
			+	-	
L1 - L2	1	0°	A	A	--
		90°	A	A	--
		180°	A	A	--
		270°	A	A	--
L1 - PE	2	0°	A	A	--
		90°	A	A	--
		180°	A	A	--
		270°	A	A	--
L2 - PE	2	0°	A	A	--
		90°	A	A	--
		180°	A	A	--
		270°	A	A	--
Remarks: --					

Result: The requirements are met



11.9 Injected currents immunity test

Test set-up and execution

- EN 61000-4-6 cl. 7-8
- EN 61000-6-2 tab. 2, 3 and 4
- Internal procedure PM001
- See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test configuration and test method

Test site:
Test table "Injected currents"

Auxiliary equipment:
See clause 4 of this test report

Test equipment used

CMC S007, CMC S019, CMC S027, CMC S028,
CMC S095
Measurement uncertainty: See clause 7 of this
test report

Test specification

150 Ω source impedance; step: 1% ; actuation time: 3 s; Modulation: 80% AM 1 KHz;

	Level	Frequency range
<input checked="" type="checkbox"/> Signal ports (EN 61000-6-2 tab. 2 sec 2.1)	10 V r.m.s. (unmodulated)	150 kHz- 80 MHz
<input type="checkbox"/> Input and Output DC power ports (EN 61000-6-2 tab. 3 sec 3.1)	10 V r.m.s. (unmodulated)	150 kHz- 80 MHz
<input checked="" type="checkbox"/> Input and Output AC power ports (EN 61000-6-2 tab. 4 sec 4.1)	10 V r.m.s. (unmodulated)	150 kHz- 80 MHz

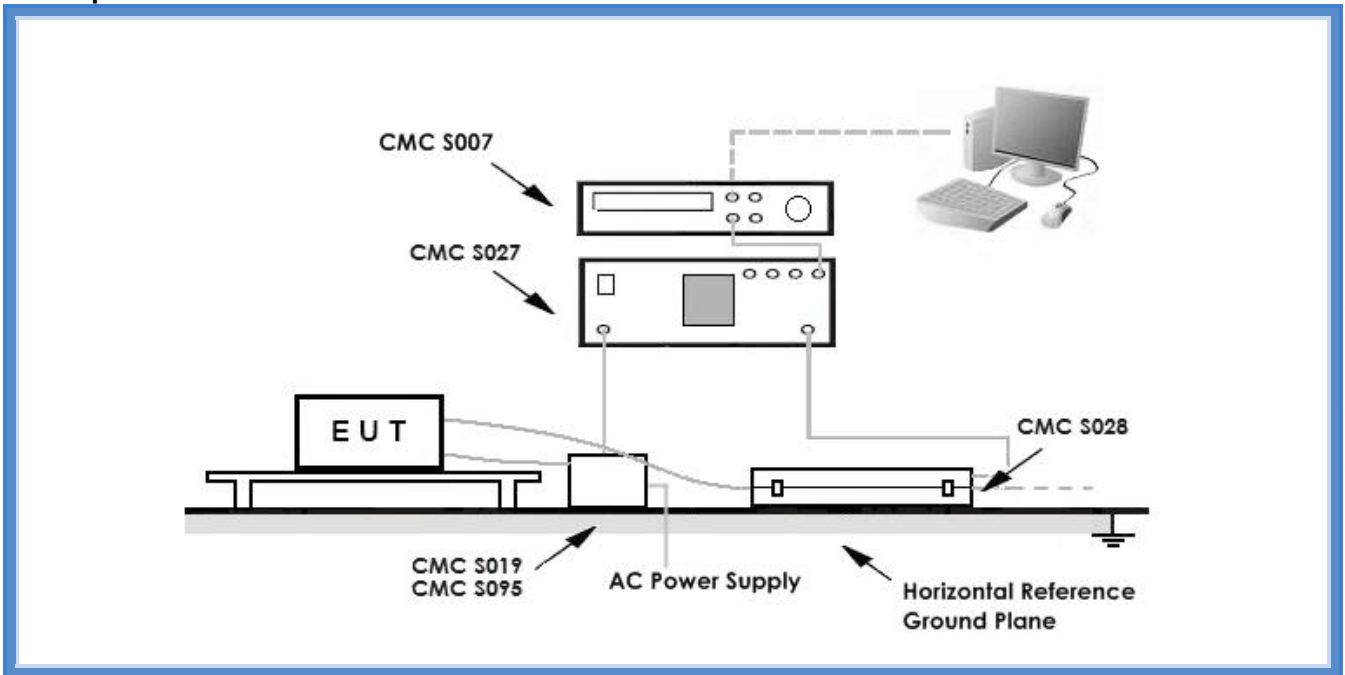
Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	60

Acceptance limits	Criterion A (See clause 4 of this test report)
--------------------------	--



Setup



Result

Port	V	Result	Remarks
AC mains	10	A	--
I/O cable	10	A	--
Keypad cable	10	A	--
Remarks: --			

Result: The requirements are met



11.10 Voltage dips, short interruptions and voltage variations immunity test

Test set-up and execution

- EN 61000-4-11 cl. 7-8
- EN 61000-6-2 tab. 4
- Internal procedure PM001
- See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test configuration and test method

Test site:
 Test table "Surge / Dips"

Auxiliary equipment:
 See clause 4 of this test report

Test equipment used

CMC S029

Measurement uncertainty: See clause 7 of this test report

Test specification

Port: AC mains; phase: 0°-180°

Level	Duration
100%	1 cycle
100%	250 cycle for frequency 50Hz 300 cycle for frequency 60Hz
40%	10 cycle for frequency 50Hz 12 cycle for frequency 60Hz
70%	25 cycle for frequency 50Hz 30 cycle for frequency 60Hz

Environmental conditions

Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	40

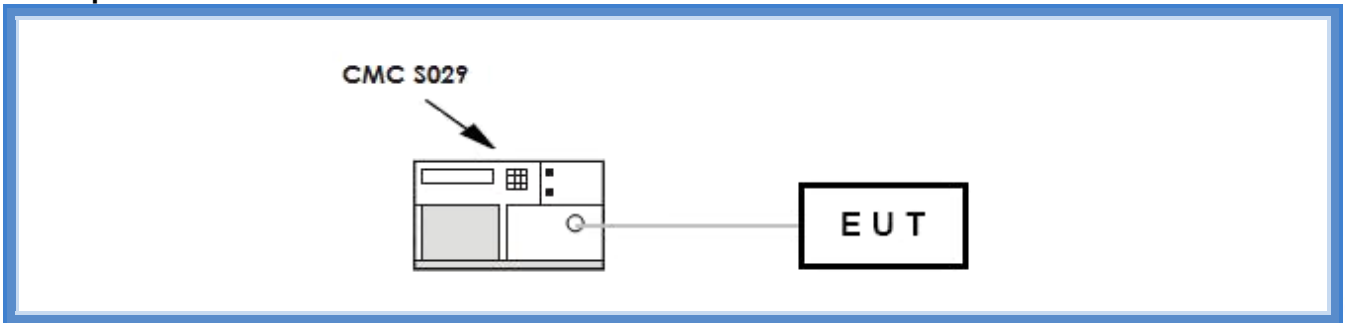
Acceptance limits

Criterion B (See clause 4 of this test report):
 0% 1 cycle

Criterion C (See clause 4 of this test report):
 other level



Setup



Result

Level	Phase	Duration (cycle)	Remarks	Acceptance limits	Result
0% open	0°	1	--	B	A
0% open	180°	1	--	B	A
0% short	0°	1	--	B	A
0% short	180°	1	--	B	A
0% open	0°	250	Switching OFF of EUT	C	C
0% open	180°	250	Switching OFF of EUT	C	C
0% short	0°	250	Switching OFF of EUT	C	C
0% short	180°	250	Switching OFF of EUT	C	C
40%	0°	10	--	C	A
40%	180°	10	--	C	A
70%	0°	25	--	C	A
70%	180°	25	--	C	A
Remarks:		--			

Result: The requirements are met

ANNEX 1 of document nr. R09055501

01 BFT SPA		DISTINTA BASE		ESPLOSIONE SCALARE		(DTS1) Data 19/06/09		
LIVELLI	SEQ	COD.PARTE	DESCRIZIONE	PR MAG UM	PESO U. TP	QUANTITA' UBIC.	F/O	
		P960502 00004	VISTA SL-107 POR.AUT.1ANTA DX PU750 230V	N.	1	1,00		
.01		D832375 00185	BUSTA BASTANO FED.E TEL.185 PUNTI	N N.	4	1,0000	O	
.01		F733364	STAFFA FINECORSА ANTA DX VISTA	N.	0	1,0000		
..02	010	D734012	STAFFA ARRESTO ANTA VISTA SL ZINC.	N.	4	1,0000	O	
...03		D412576	STAFFA ARRESTO ANTA TRANCIAT.	N.	4	1,0000		
..02	014	D221271	GOMMINO FINECORSА 20X20X23	N.	0,0100 4	1,0000	O	
.01		F733365	STAFFA FINECORSА ANTA SX VISTA	N.	0	1,0000		
..02	010	D734012	STAFFA ARRESTO ANTA VISTA SL ZINC.	N.	4	1,0000	O	
...03		D412576	STAFFA ARRESTO ANTA TRANCIAT.	N.	4	1,0000		
..02	014	D221271	GOMMINO FINECORSА 20X20X23	N.	0,0100 4	1,0000	O	
.01		F733366	STAFFE TRASCINAMENTO VISTA	N.	0	1,0000		
..02	051	D511216	VITE TCEI M4X10 8.8 UNI5931 ZN	N.	0,0100 4	4,0000	O	
..02	052	D531133	ROND.GROWER D.4,3-7,3-0,9 UNI1751 ZN	N.	0,0010 4	4,0000	O	
..02	053	D734001	PIASTRA FISSAGGIO CINGHIA ZINCATURA	N.	4	1,0000	O	
...03		D412569	PIASTRA FISSAGGIO CINGHIA TRANCIATA	N.	4	1,0000		
..02	054	D734002	CONTROPIASTRA FISSAGGIO CINGHIA ZINCA	N.	4	1,0000	O	
...03		D412570	CONTROPIASTRA FISSAGGIO CINGHIA TRAN	N.	4	1,0000		
.01		F733368	GRUPPO TRAVERSA VISTA L=6,5	MT	0	1,6000		
..02		999901	FRIDO ALLUMINIO	N KG	4	0,6544		
..02	001	D729133	PROFILO P.A.TRAVE ANODIZ.L=6,5M 47	MT	1,0000 4	1,6000	O	
...03		D610398	PROFILO P.A. TRAVE PORTANTE 6,5 MT	KG	4	5,9840		
..02	002	D190218	GUARNIZ.NERA PVC PROFILO SCORR.VISTA	MT	4	1,6000	O	
..02	003	D729139	PROFILO SCORR.CARRELLI ANOD.L=6,5MT 47	MT	1,0000 4	1,6000	O	
...03		D610407	PROFILO SCORR.CARREL.VISTA ESTRUS.6,5	KG	4	0,5594	O	
.01		F733369	GRUPPO STAFFA SUPPORTO	N.	0	1,0000		
..02	056	D734013	STAFFA SUPP.CARTER 217X25X5 VISTA SL	N.	4	1,0000	O	
...03		D412577	STAFFA SUPPORTO CARTER 217X25X5 TRANC	N.	4	1,0000		
.01		F733370	GRUPPO CHIUSURE LATERALI	N.	0	1,0000		
..02	007	D225062	CHIUSURA LATO SX 155X166 VISTA SL	N.	4	1,0000	O	
..02	008	D225063	CHIUSURA LATO DX 155X166 VISTA SL	N.	4	1,0000	O	
..02	009	D511174	VITE AUTOF.TSP+3,9X13 UNI6955 ZN	N.	0,0100 4	6,0000	O	
.01		N733403	ASSIEME PULEGGIA RINVIO VISTA	N.	0	1,0000		
..02	042	D521020	DADO DE AUTOBLOC.M10 NORM.DIN982	N.	4	1,0000	O	
..02	043	D734010	SUPPORTO TENDI CINGHIA VISTA SL ZINC.	N.	4	1,0000	O	
...03		D412575	SUPPORTO TENDI CINGHIA TRANCIAT.	N.	4	1,0000		
..02	044	D511467	VITE TE M8X110 8.8 UNI5739/DIN933 ZN	N.	4	1,0000		
..02	045	D521059	DADO DE AUTOBLOC.M8 ALTO DIN982 ZN	N.	4	1,0000	O	
..02	046	D734011	PERNO PULEGGIA CONDOTTA VISTA SL ZINC	N.	4	1,0000	O	
...03		D571730	PERNO PULEGGIA CONDOTTA TORNITA	N.	4	1,0000		
..02	047	D613054	PULEGGIA CIANFRINATA RINVIO VISTA	N.	2	1,0000	O	
...03		D612385	PULEGGIA CONDOTTA Z=22 VISTA SL TORN	N.	0	1,0000		
...04		D610427	FUSIONE PULEGGIA RINVIO VISTA	N.	4	1,0000	O	

...03	D734081	ANELLO PER PULEGGIA VISTA SL ZN	N.	4	1,0000		
...04	D571762	ANELLO PER PULEGGIA VISTA SL GREZ.	N.	4	1,0000		
..02	048 D561069	CUSCINETTO KBC 6202 ZZ D35X15/11 SCOR	N.	0,0400	4 1,0000		O
..02	049 D531324	ANELLO SEEGER E.D.15 UNI7435/DIN471	N.	4	1,0000		
..02	050 D531618	ANELLO SEEGER I.D.35 UNI7437/DIN472	N.	4	1,0000		O
.01	N733404	ASSIEME CARRELLO AGGANCIO VISTA	N.	0	2,0000		
..02	D190012	LOCTITE FRENAFIL.MEDIO 243 250ML	M N.	0,3300	4 0,0040		
..02	024 D734009	CARRELLO SUPPORTO ANTA VISTA SL ZN	N.	4	2,0000		O
...03	D413196	ASS.CARRELLO SUPP.ANTA+INSERTO M6 SAL	N.	4	2,0000		
..02	025 D531543	ROND.D.8,4-17-1,6 UNI6592 ZN	N.	4	4,0000		
..02	027 D734000	SUPPORTO RUOTE CARRELLO ZINCATO VISTA	N.	4	2,0000		O
...03	D412568	SUPPORTO RUOTE CARRELLO TRANCIATURA	N.	4	2,0000		
..02	028 D511455	VITE TBEI M10X16 TF 10.9 ISO7380 ZN	N.	4	6,0000		O
..02	030 D531619	ROND.SCHNORR D.8,4-13-0,8 ZIGR. ZN	N.	4	4,0000		O
..02	031 D511465	VITE TE M8X12 8.8 UNI5739 ZN	N.	4	4,0000		O
..02	032 D521015	DADO DE AUTOBLOC.M6 NORM.UNI7473	N.	0,0033	4 2,0000		O
..02	033 D734006	DISTANZIALE RUOTA CARRELLO VISTA SL Z	N.	4	6,0000		F
...03	D571728	DISTANZIALE RUOTA CARRELLO D.24 TORN	N.	4	6,0000		
..02	034 D531617	ANELLO SEEGER I.D.32 UNI7437/DIN472	N.	4	6,0000		
..02	035 D561149	CUSCINETTO E TAM 6002-ZZ D.32X15/9	N.	0,0300	4 6,0000		O
..02	036 D222395	RUOTA CARRELLO VISTA SL D.49 LAVORATA	N.	2	6,0000		O
...03	D225059	RUOTA CARRELLO VISTA SL D.49 FUSIONE	N.	4	6,0000		O
..02	037 D734007	PERNO SUPPORTO RUOTA VISTA SL ZINC.	N.	4	6,0000		O
...03	D571729	PERNO SUPPORTO RUOTA TORNITA	N.	4	6,0000		
.01	D121031	FASCETTA TYB 24M	N.	0,0100	4 2,0000		O
.01	D802079 00019	ETIC.MOT.VISTA SL 1 DX 230V 50HZ BFT	N.	0	1,0000		
..02	D802079	LAYOUT TARGA PORTE AUTOMATICHE	N.	0	1,0000		
...03	D801096	ETIC.MOT.NEUTRE 50,5X64MM BIANCA 3M 7 M	N.	4	1,0000		O
.01	D802089	ETICHETTA ADESIVA PERIC.SCHIAC.MANI B	N.	4	1,0000		
.01	D802098	ETICH.ADESIV.PORTA.AUTOMATICA LOGO BF	N.	0,0100	4 2,0000		O
.01	D802100	ETICHETTA LUOGHI DI IMPIEGO GET	N.	4	1,0000		O
.01	D802103	ETICHETTA STACCARE ALIMENTAZIONE PER	N.	0,0100	4 1,0000		O
.01	D802431	ETIC.ADESIVA A ROTOLO F.TO 70X121 BIA M	N.	4	1,0000		O
.01	D811157	MANUALE AVVERTENZE 12 LINGUE	N.	0,0350	4 1,0000		O
.01	D811590	MANUALE ISTRUZ.MOD. VISTA SL	N.	4	1,0000		O
.01	D831009	CERTIFICATO DI GARANZIA CAT REV.02	N.	4	1,0000		O
.01	D121031	FASCETTA TYB 24M	N.	0,0100	4 2,0000		O
.01	D802589	ETICH.BIANCA ADESIVA IMBALLO LINEA-VI	N.	4	1,0000		O
.01	D802761	ETIC.ADESIVA A ROT.F.TO 70X121 FRAG/H M	N.	2	4,0000		
..02	D802431	ETIC.ADESIVA A ROTOLO F.TO 70X121 BIA M	N.	4	4,0000		O
.01	D821143	SCATOLA MOD.GET 235X210 L=2200 BFT	N.	2,0000	4 1,0000		O
.01	D821148	POLISTIROLO 30X 205X 230 D/20 GET	N.	4	2,0000		O
.01	D821173	POLISTIROLO FR95 160X95 SP20 D-15	N.	4	2,0000		O
.01	D821529	POLISTIROLO IMBALLO VISTA	N.	4	4,0000		O
.01	004 D191099	CINGHIA DENTATA GOMMA RPP8-15 ANTIS.	MT	4	2,0300		O
.01	011 D511012	VITE TE M6X16 TF 8.8 UNI5739/DIN933 Z	N.	0,0100	4 19,0000		O
.01	012 D531001	ROND.D.6,4-12-1,6 UNI6592 DAC.B	N.	0,0100	4 19,0000		O
.01	013 D521043	DADO DE M6 BASSO UNI5589 ZN	N.	4	19,0000		O
.01	015 N733393 00002	ASSIEME ALIMENTATORE P.A.VISTA 230V	N.	2	1,0000		O
..02	D110097 00002	TRASFORMATORE 26V250VA 230V50HZ LINEA A	N.	4	1,0000		O
..02	D111337 00002	SCHEDA FILTRO RETE MOD. GET VE 230 0	N.	0,0100	4 1,0000		O
...03	CS1 BCSFILTRO3	C.S.FILTRO3 A	N.	4	1,0000		

..03	FR1	BFRFAHAV-1.6A FILTRO RETE A C.S. 1.6A ARCOTRONICS	A	N.	4	1,0000			
..03	JP1	BMRFASTON4.8 LINGUELLA FASTON DA CS 4.8X0.8	A	N.	4	1,0000			
..03	JP2	BMRFASTON4.8 LINGUELLA FASTON DA CS 4.8X0.8	A	N.	4	1,0000			
..03	JP3	BMRFASTON4.8 LINGUELLA FASTON DA CS 4.8X0.8	A	N.	4	1,0000			
..03	JP4	B0 COMPONENTE DA NON MONTARE	A	N.	5	1,0000			
..03	JP5	BMRFASTON4.8 LINGUELLA FASTON DA CS 4.8X0.8	A	N.	4	1,0000			
..03	JP6	BMRFASTON4.8 LINGUELLA FASTON DA CS 4.8X0.8	A	N.	4	1,0000			
..03	RV1	BVS14LK27 MOV S14K275	A	N.	4	1,0000			
..02	D121139	INTERUTTORE BIP. 10A 250V SERIE C	0	N.	4	1,0000			O
..02	D121142	FUSIBILE VETRO 5X20 1.6A/T	0	N.	0,0100	4 1,0000			O
..02	D121157	MORSET.+FUSE M-503SI-3DS	0	N.	0,0300	4 1,0000			O
..02	D141051	ASSEMBLAGGIO CAVETTI MASSA MOD. GET	0	N.	4	1,0000			F
..02	D141052	ASSEMBLAGGIO CAVETTI INTERUT. GET	0	N.	4	1,0000			F
..02	D221286	SCATOLA PROTEZ.TRASF. PORTE AUTOMAT	0	N.	0,0700	4 1,0000			O
..02	D221312	COPERCHIETTO COPRI-MORSETTIERA (	0	N.	0,0200	4 1,0000			F
..02	D221347	TUBETTO RITEGNO VITE (	0	N.	0,0100	4 1,0000			F
..02	D221440	PROTEZIONE TRASFORMATORE (	N.	0,0100	4 1,0000				F
..02	D221480	FERMA CAVO TRASFORMATORE GET 5922 NER	N.	0,0003	4 1,0000				O
..02	D511001	VITE AUTOF.TC+3,5X13 UNI6954/DIN7981	N.	0,0010	4 2,0000				O
..02	D511018	VITE AUTOF.TC+3,5X9,5 UNI6954/7981 DA	0	N.	0,0100	4 5,0000			
..02	D511069	VITE AUTOF.TC+2,9X16 UNI6954/DIN7981	0	N.	0,0100	4 1,0000			O
..02	D511142	VITE AUTOF.TC+2,9X25 UNI6954/DIN7981	0	N.	4	1,0000			
..02	D511191	VITE TRILOBATA TC+M5X8 UNI8112 ZN	0	N.	4	3,0000			
..02	D521001	DADO DE M4 ALTO UNI5587 ZN	0	N.	4	2,0000			
..02	D531082	ROND.D.5,3-10-1 UNI6592 DAC.B	0	N.	0,0020	4 3,0000			O
..02	D531225	ROND.DENT.EST.D.4,3-8-0,5 DIN6798-A Z	0	N.	0,0004	4 3,0000			O
..02	D734014	STAFFA SUPPORTO TRASFORM.VISTA SL ZN	N.	4	1,0000				O
..03	D412578	STAFFA SUPPORTO TRASF.TRANC.	N.	4	1,0000				
.01	016 D225061	CANALETTA PASSAGGIO CAVI VISTA SL	N.	4	5,0000				O
.01	018 N733405	ASSIEME GRUPPO MOTORIDUTTORE BFT VIST	N.	2	1,0000				O
..02	F733405	COPIA MOTORIDUTTORE BFT VISTA	N.	0	1,0000				
..03	D161558	MOTORE BT201-P.A. VISTA	N.	2	1,0000				O
...04	D571315	ALBERO MOTORE X APRIPORTA	A	N.	0	1,0000			
...04	D610139	FUSIONE FLANGIA POST.MOTORE AP 2004	N.	4	1,0000				O
...04	D610422	FUSIONE FLANGIA ANT.MOTORE VISTA	N.	4	1,0000				O
...03	D221272	GOMMINO ANTIVIBRAZIONE D24XL15 FORO 8	N.	0,0100	4 6,0000				O
...03	D730385	TUBETTO DIST. 6X8 L32 APRI P ZN	N.	4	3,0000				F
...04	D571278	TUBETTO DISTANZ. 6X8 L32 APRI P A0	N.	4	3,0000				
...03	D225136	GOMMINO GUIDA CINGHIA VISTA MOTORE BF	N.	4	2,0000				O
...03	D511127	VITE TRILOBATA TC+M4X8 C15 UNI8112 ZN	N.	0,0100	4 2,0000				O
...03	D730386	TUBETTO DIST. 4.2X6 L12.5 APRI P ZN	N.	0,0100	4 2,0000				F
...04	D571279	TUBETTO DIST. 4.2X6 L=12.5 A0	N.	4	2,0000				
...03	D511194	VITE TCEI M6X50 8.8 UNI5931 ZN	N.	4	3,0000				O
...03	D521003	DADO DE M6 ALTO UNI5587 ZN	N.	0,0025	4 3,0000				O
...03	D531053	ROND.GROWER D.6,4-11,4-1,6 UNII751	N.	0,0007	4 3,0000				O
...03	D531174	ROND.FAS.LARGA D.8,4-24-2 UNI6593 ZN	N.	0,0060	4 3,0000				O
...03	D734025	ASSIEME SUPPORTO MOTORIDUTTORE ZN	N.	4	1,0000				O
...04	D413199	ASS.SUPPORTO MOTORIDUT.VISTA SL	N.	4	1,0000				
...05	D412595	STAFFA SUPPORTO MOTORIDUTT.VISTA SL	N.	4	1,0000				
...05	D571275	BOCCOLA DISTANZIALE STAFFA RIDUTT.	N.	4	3,0000				F
...03	D190116	LOCTITE FISSATORE 641 50ML M	N.	4	0,0100				
...03	D511121	VITE TSPEI M6X16 10.9 UNI5933 ZN	N.	0,0100	4 1,0000				O

...03	D531210	LINGUETTA A 5X5 L10 UNI 6604/69	N.	0,0100	4	1,0000		
...03	D613052	PULEGGIA CIANFRINATA RIDUTTORE BTF VI	N.	2	1,0000		O	
...04	D612368	PULEGGIA MOTORE BFT MOD.VISTA TORNITU	N.	0	1,0000			
....05	D610425	FUSIONE PULEGGIA MOTRICE BFT VISTA SL	N.	4	1,0000		O	
...04	D734081	ANELLO PER PULEGGIA VISTA SL ZN	N.	4	1,0000			
....05	D571762	ANELLO PER PULEGGIA VISTA SL GREZ.	N.	4	1,0000			
...03	D730384	ROND.FERMA PULEGG.RID.APR.P ZN	N.	0,0100	4	1,0000	O	
...04	D571276	ROND.ARRESTO PULEGGIA RIDUTT.	0 N.	4	1,0000			
...03	D121159	DISTANZIALE 4X6 L=5 ART.0656BA01 FP	N.	0,0005	4	1,0000	O	
...03	D511064	VITE TRILOBATA TC+M4X12 C15 DIN7500-C	N.	0,0100	4	2,0000	O	
...03	D511093	VITE TCEI M4X8 8.8 UNI5931 ZN	N.	4	1,0000			
...03	D531076	ROND.D.4,3-9-0,8 UNI6592 ZN	N.	0,0008	4	2,0000	O	
...03	D531133	ROND.GROWER D.4,3-7,3-0,9 UNI1751 ZN	N.	0,0010	4	2,0000	O	
...03	D531225	ROND.DENT.EST.D.4,3-8-0,5 DIN6798-A Z	N.	0,0004	4	2,0000	O	
...03	D511211	VITE TSPEI M5X10 10.9 UNI5933	N.	0,0100	4	1,0000		
...03	D531077	ANELLO SEEGER I.D.26 UNI7437/DIN472	N.	0,0010	4	2,0000		
...03	D561109	CUSCINETTO KBC 6003 CMM D.35X17/10	N.	0,0400	4	2,0000	O	
...03	D561110	CUSCINETTO SKF 629 J/QE6 D.26X9/8	N.	0,0200	4	1,0000	O	
...03	D561111	CUSCINETTO SKF 4200 ATN9 D.30X14/10	N.	0,0400	4	1,0000	O	
...03	D561112	ANELLO TENUTA SC A17X28X7 3760-NB	N.	0,0050	4	1,0000	O	
...03	D561113	ANELLO TENUTA SC A9X26X7 3760-NBR70	N.	0,0075	4	1,0000	O	
...03	D571277	ROND.VITE S.F. RIDUTT. APRI P.	N.	4	1,0000		F	
...03	D612384	CORPO RIDUTTORE VISTA LAV.	N.	2	1,0000		O	
...04	D610423	FUSIONE CORPO RIDUTTORE VISTA	N.	4	1,0000		O	
...03	D722104	VITE S.F. RIDUTTORE PORTE A. RETTIF	N.	0,0700	4	1,0000	F	
...03	D722105	CORONA RIDUTT. RETTIF. MOD.GET	N.	0,1900	4	1,0000	O	
...03	D511180	VITE TRILOBATA TC+M5X15 UNI8112 ZN	N.	4	4,0000		O	
...03	D511181	VITE TRILOBATA TC+M5X10 UNI8112 DAC.	N.	4	4,0000		O	
...03	D561041	ANELLO OR 3193 D.48,9X2,62	N.	0,0100	4	1,0000	O	
...03	D561114	ANELLO OR 2125 D.31,47X1,78	N.	0,0050	4	1,0000	O	
...03	D612112	COPERCHIO POST. RIDUTTORE APRI P.	N.	2	1,0000		O	
...04	D610130	FUSIONE COPERCHIO POST RID. AP 2005	0 N.	4	1,0000		O	
...03	D612113	COPERCHIO LATERALE RID. APRI P.	N.	2	1,0000		O	
...04	D610131	FUSIONE COPERCHIO LATER.RID.AP 2005	0 N.	4	1,0000		O	
...03	D221269	PARASTRAPPI PER APRIP. LARIPUR 7	N.	0,0100	4	1,0000		
...03	D511062	GRANO TEI M5X8 45H PUNTA PIANA UNI592	N.	4	2,0000		O	
...03	D511076	VITE TCEI M6X16 8.8 UNI5931/DIN912 ZN	N.	0,0100	4	4,0000		
...03	D531108	ROND.GROWER SEZ.QUA.D6,1-9,9-1,6 DIN7	N.	0,0005	4	4,0000	O	
...03	D612114	SEMIGIUNTO MOTORE-RIDUTTORE APRI P.	N.	2	2,0000		O	
...04	D610132	FUSIONE SEMIGIUNTO MOTORID.AP 2005	0 N.	4	2,0000		O	
...03	061 D225056	COPERTURA ENCODER VISTA SL	N.	4	1,0000		O	
...03	062 D511335	VITE AUTOF.TC+3,9X13 N.PUNTA UNI6954	N.	4	4,0000		O	
...03	063 D734004	STAFFA SUPP.FRENO-ENCODER VISTA SL ZI	N.	4	1,0000		O	
...04	D412572	STAFFA SUPPORTO FRENO-ENCODER TRANCIA	N.	4	1,0000			
...03	064 D225052	DISCO FRENO-ENCODER PORTA PESANTE VIS	N.	4	1,0000		O	
...03	065 D225057	TAPPO SCATOLA ENCODER VISTA SL	N.	4	1,0000		O	
...03	066 D511200	VITE AUTOF.TC+2,2X9,5 UNI6954/DIN7981	N.	4	1,0000		O	
...03	067 D111211	00003 SCHEDA ENCODER MOD. ENC02B PER VISTA-	N.	4	1,0000		O	
...04	F111211	00003 COPIA SCHEDA ENCODER ENC02B X VISTA-S	N.	0	1,0000			
....05	CS1 BCSENC02B	C.S.ENC02B	A N.	4	1,0000			
....05	C1 BCC0U150V05LM	COND. CER. 100NF 50V 20% P.5 Z5U	A N.	4	1,0000		O	
....05	C2 BCV47U25V05LM	COND.EL.47UF 25V 20% 85° D5 H11	A N.	4	1,0000			

....05	DZ1	BDZ3V30W5	DIODO ZENER 3V3 0.5W 5%	A N.	4	1,000		
....05	DZ2	BDZ3V30W5	DIODO ZENER 3V3 0.5W 5%	A N.	4	1,000		
....05	ISO1	BCITCST1202	FOTOINTERUPTE TCST1202	A N.	4	1,000		
....05	ISO2	BCITCST1202	FOTOINTERUPTE TCST1202	A N.	4	1,000		
....05	JP2	BMR280378-1	CONNETT. AMP MODU2 4 POLI 90° POL.	A N.	4	1,000		
....05	Q1	BTRBC337	TRANSISTOR BC 337-25	A N.	4	1,000		
....05	Q2	BTRBC337	TRANSISTOR BC 337-25	A N.	4	1,000		
....05	Q3	BTRBC337	TRANSISTOR BC 337-25	A N.	4	1,000		
....05	R1	BRC470R0W5J	RES. ST. CARB. 470R 5% 0.5W	A N.	4	1,000		
....05	R2	BRC012KW25J	RES. ST. CARB. 12K 5% 0.25W	A N.	4	1,000		
....05	R3	BRC012KW25J	RES. ST. CARB. 12K 5% 0.25W	A N.	4	1,000		
....05	R4	BRC04K7W25J	RES. ST. CARB. 4K7 5% 0.25W	A N.	4	1,000		
....05	R5	BRC04K7W25J	RES. ST. CARB. 4K7 5% 0.25W	A N.	4	1,000		
....05	R6	BRC047KW25J	RES. ST. CARB. 47K 5% 0.25W	A N.	4	1,000		
....05	U1	BCICD40106	CIRCUITO INTEGRATO CD 40106BE	A N.	4	1,000		
...03	068	D225055	SCATOLA SUPPORTO SCHEDA ENCODER VISTA	N.	4	1,000		O
...03	069	D531216	SPINA ELAST.D.3X14 UNI6873	N.	0,0010	4	1,000	
..01	019	D113723	QUADRO COMANDO VISTA SL	N.	2	1,000		O
..02		D191102	PELLICOLA ISOLANTE SHEDA ARIA	A N.	4	1,000		
..02		D225051	COPERTURA SCHEDA ARIA CON DISPLAY	N.	4	1,000		O
..02		D511189	VITE TRILOBATA TC+M3X15 C15 DIN7500-C	N.	0,0012	4	4,000	O
..02		D511352	VITE TRILOBATA TC+M3X10 UNI8112 ZN	N.	4	3,000		O
..02		D612369	PIASTRA RADIATORE SCHEDA ARIA FORATA	N.	2	1,000		O
...03		D729035	RADIATORE 105.5X40 ANODIZ. KG		2	0,1930		O
...04		D610122	PROFILO AL RADIATORE AP MT.6 Z04641 0 KG		4	0,1930		O
..02		D612376	BARRA FISSAGGIO MOSFET SCHEDA ARIA	N.	4	1,000		O
..02		F111823 00001	COPIA SCHEDA ARIA -PORTA AUTOMATICA-	N.	0	1,000		
...03	BZ1	BBUZZMINI3-15	BUZZMINI3-15V	A N.	4	1,000		
...03	B1	BBOLUTK501098	BOB. SU NUCLEO AD OLLA D.MODE 2X40UH	A N.	4	1,000		O
...03	B2	BBFRN242-6/02	BOB. FILT SCHAFFNER C.MODE 2X1.8MH 6A	A N.	4	1,000		
...03	CS1	BCSARIA	C.S.ARIA	A N.	4	1,000		
...03	C1	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C10	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C11	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C12	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C13	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C14	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C15	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C16	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C17	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C18	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C19	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C2	BCZ10U35V05LM	COND. EL. SMD 10UF 35V 20%	A N.	4	1,000		
...03	C20	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C21	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C22	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C23	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C24	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C25	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C26	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C27	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		
...03	C28	BCC0U150V805M	COND. CHIP Y5V 100NF 50V 20% 0805	A N.	4	1,000		

...03	C29	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C3	BCP0U163V05LJ COND. POLIEST. 1UF 63V 5% P.5	A	N.	4	1,0000	
...03	C30	BCL01N50V805K COND. CHIP X7R 1NF 50V 10% 0805	A	N.	4	1,0000	
...03	C31	BCL01N50V805K COND. CHIP X7R 1NF 50V 10% 0805	A	N.	4	1,0000	
...03	C32	BCL01N50V805K COND. CHIP X7R 1NF 50V 10% 0805	A	N.	4	1,0000	
...03	C33	BCL01N50V805K COND. CHIP X7R 1NF 50V 10% 0805	A	N.	4	1,0000	
...03	C34	BCL01N50V805K COND. CHIP X7R 1NF 50V 10% 0805	A	N.	4	1,0000	
...03	C35	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C36	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C37	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C38	BCL01N50V805K COND. CHIP X7R 1NF 50V 10% 0805	A	N.	4	1,0000	
...03	C39	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C4	BCP0U163V05LK COND. POLIEST. 100NF 63V 10% P.5	A	N.	4	1,0000	
...03	C40	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C41	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C42	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C43	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C44	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C45	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C46	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C47	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C5	BCV3L363V26LM COND.EL.3300UF 63V 20%85° D26 H31.5	A	N.	4	1,0000	
...03	C52	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C53	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C56	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C59	BCL10N50V805K COND. CHIP X7R 10NF 50V 10% 0805	A	N.	4	1,0000	
...03	C6	BCV3L363V26LM COND.EL.3300UF 63V 20%85° D26 H31.5	A	N.	4	1,0000	
...03	C60	BCP10U0K27L5K COND. POLIEST. 10U 100V	A	N.	4	1,0000	
...03	C61	BCC0U10K100LM COND. CER. 100NF 100V 20% P.5 Z5U	A	N.	4	1,0000	
...03	C62	BCC0U10K100LM COND. CER. 100NF 100V 20% P.5 Z5U	A	N.	4	1,0000	
...03	C63	BCZ01U50V04LM COND. EL. SMD 1UF 50V 20%	A	N.	4	1,0000	
...03	C64	BCZ01U50V04LM COND. EL. SMD 1UF 50V 20%	A	N.	4	1,0000	
...03	C65	BCL10N50V805K COND. CHIP X7R 10NF 50V 10% 0805	A	N.	4	1,0000	
...03	C68	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	C7	BCZ10U35V05LM COND. EL. SMD 10UF 35V 20%	A	N.	4	1,0000	
...03	C9	BCC0U150V805M COND. CHIP Y5V 100NF 50V 20% 0805	A	N.	4	1,0000	
...03	DL5	BDL3R DIODO LED 3MM ROSSO	A	N.	4	1,0000	
...03	DP1	BPR0K435A01 PONTE RADD. DA CS 35A 400V	A	N.	4	1,0000	O
...03	DS1	BDSTV1500 DISSIPATORE TV1500	A	N.	4	1,0000	O
...03	DZ1	BDHZ13VW35 DIODO ZENER SMD 13V 0W35 5% MMELF	A	N.	4	1,0000	
...03	DZ5	BDHZ5V1W35MM DIODO ZENER SMD 5V1 0W35 5% MMELF	A	N.	4	1,0000	
...03	DZ6	BDHZ5V1W35MM DIODO ZENER SMD 5V1 0W35 5% MMELF	A	N.	4	1,0000	
...03	DZ7	BDHZ5V6W35MM DIODO ZENER SMD 5V6 0W35 5% MMELF	A	N.	4	1,0000	
...03	DZ8	BDHZ5V6W35MM DIODO ZENER SMD 5V6 0W35 5% MMELF	A	N.	4	1,0000	
...03	D1	BDHBAV70 DOPPIO DIODO BAV70 SMD	A	N.	4	1,0000	
...03	D2	BDHBAV70 DOPPIO DIODO BAV70 SMD	A	N.	4	1,0000	
...03	D21	BDHBYG20G DIODO VELOCE SMT BYG20G	A	N.	4	1,0000	
...03	D22	BDHBYG20G DIODO VELOCE SMT BYG20G	A	N.	4	1,0000	
...03	D23	BDHBYG20G DIODO VELOCE SMT BYG20G	A	N.	4	1,0000	
...03	D24	BDHBYG20G DIODO VELOCE SMT BYG20G	A	N.	4	1,0000	
...03	D25	BDHBYG20G DIODO VELOCE SMT BYG20G	A	N.	4	1,0000	
...03	D26	BDHBAV70 DOPPIO DIODO BAV70 SMD	A	N.	4	1,0000	

...03	D3	BDHBAV70	DOPPIO DIODO BAV70 SMD	A N.	4	1,0000	
...03	D4	BDHBAW56	DOPPIO DIODO BAW56 SMD	A N.	4	1,0000	
...03	D6	BDHBAV70	DOPPIO DIODO BAV70 SMD	A N.	4	1,0000	
...03	D7	BDHBAW56	DOPPIO DIODO BAW56 SMD	A N.	4	1,0000	
...03	D8	B0	COMPONENTE DA NON MONTARE	A N.	5	1,0000	
...03	D9	B0	COMPONENTE DA NON MONTARE	A N.	5	1,0000	
...03	JP1	BMR110209	P. MORS. EST. VERT. P.5 9 POLI	A N.	4	1,0000	
...03	JP1A	BMR110109	MORS. ESTRAIBILE P.5 9 POLI	A N.	4	1,0000	
...03	JP10	BMRB4B-XH-A	CONNETT.MASCHIO 4VIE A VASCHETTA	A N.	4	1,0000	
...03	JP11	BMR110202	P. MORS. EST. VERT. P.5 2 POLI	A N.	4	1,0000	
...03	JP11	BMR110102P052	MORS. ESTRAIBILE P.5 2 POLI	A N.	4	1,0000	
...03	JP12	BMR280371-1	CONNETT. AMP MODU2 4 POLI POL.	A N.	4	1,0000	
...03	JP13	D111722 00002	MOD.RIC.TERM.DIL STAND MD433-SET	A N.	0,0001 4	1,0000	O
...04	CS1	BCSMD433SET	C.S.MD433 SET	A N.	4	1,0000	
...04	C1	BCCU2210V603M	COND. CHIP X7R 220 NF 10V 20% 0603	A N.	4	1,0000	
...04	C10	BCON1850V603J	COND. CHIP NP0 180PF 50V 5% 0603	A N.	4	1,0000	
...04	C11	BCL0U125V603K	COND. CHIP X7R 100NF 25V 10% 0603	A N.	4	1,0000	
...04	C12	BCO0N150V603J	COND. CHIP NP0 100PF 50V 5% 0603	A N.	4	1,0000	
...04	C13	BCO0N150V603J	COND. CHIP NP0 100PF 50V 5% 0603	A N.	4	1,0000	
...04	C14	BCL0U125V603K	COND. CHIP X7R 100NF 25V 10% 0603	A N.	4	1,0000	
...04	C15	BCO6P850V603C	COND. CHIP NP0 6.8PF 50V 0.25PF 0603	A N.	4	1,0000	
...04	C16	BCL0U125V603K	COND. CHIP X7R 100NF 25V 10% 0603	A N.	4	1,0000	
...04	C17	BCO3P350V603C	COND. CHIP NP0 3.3PF50V 0.25PF 0603	A N.	4	1,0000	
...04	C18	BCO3P350V603C	COND. CHIP NP0 3.3PF50V 0.25PF 0603	A N.	4	1,0000	
...04	C19	BCO4P750V603C	COND. CHIP NP0 4.7PF 50V 0.25PF 0603	A N.	4	1,0000	
...04	C2	BCO0N150V603J	COND. CHIP NP0 100PF 50V 5% 0603	A N.	4	1,0000	
...04	C20	BCO3P950V603C	COND. CHIP NP0 3.9PF50V 0.25PF 0603	A N.	4	1,0000	
...04	C21	BCC2U216V805M	COND. CHIP Y5V 2.2UF 16V 20% 0805	A N.	4	1,0000	
...04	C25	BCO12P50V603J	COND. CHIP NP0 12PF 50V 5% 0603	A N.	4	1,0000	
...04	C3	BCO12P50V603J	COND. CHIP NP0 12PF 50V 5% 0603	A N.	4	1,0000	
...04	C4	BCON1850V603J	COND. CHIP NP0 180PF 50V 5% 0603	A N.	4	1,0000	
...04	C5	BCL10N50V603K	COND. CHIP X7R 10NF 50V 10% 0603	A N.	4	1,0000	
...04	C6	BCON2250V603J	COND. CHIP NP0 220PF 50V 5% 0603	A N.	4	1,0000	
...04	C7	BCCU2210V603M	COND. CHIP X7R 220 NF 10V 20% 0603	A N.	4	1,0000	
...04	C8	BCCU2210V603M	COND. CHIP X7R 220 NF 10V 20% 0603	A N.	4	1,0000	
...04	C9	BCCU2225V603M	COND. CHIP Y5V 220 NF 25V 20% 0603	A N.	4	1,0000	
...04	F1	BSFECV10M7	FILTRO 10.7MHZ SMD	A N.	4	1,0000	
...04	JM1	BRH000RW063J	PONTICELLO SMD 0-OHM 0603	A N.	4	1,0000	
...04	JP1	BMR510.2484	TERMINALE A FORCHETTA SIL	A N.	4	3,0000	
...04	JP2	BMR510.2484	TERMINALE A FORCHETTA SIL	A N.	4	5,0000	
...04	L1	BBH15N0603000	INDUTTORE SMD MURATA 15NH 2% -0603	A N.	4	1,0000	
...04	L2	BBH15N0603000	INDUTTORE SMD MURATA 15NH 2% -0603	A N.	4	1,0000	
...04	R1	BRH100KW063J	RES.CHIP 0603 100K 63MW 5%	A N.	4	1,0000	
...04	R10	BRH180KW063J	RES.CHIP 0603 180K 63MW5%	A N.	4	1,0000	
...04	R16	BRH08R2W063J	RES.CHIP 0603 8R2 63MW 5%	A N.	4	1,0000	
...04	R2	BRH100KW063J	RES.CHIP 0603 100K 63MW 5%	A N.	4	1,0000	
...04	R3	BRH100KW063J	RES.CHIP 0603 100K 63MW 5%	A N.	4	1,0000	
...04	R4	BRH100KW063J	RES.CHIP 0603 100K 63MW 5%	A N.	4	1,0000	
...04	R5	BRH120KW063J	RES.CHIP 0603 120K 63MW5%	A N.	4	1,0000	
...04	R6	BRH03M3W063J	RES.CHIP 0603 3M3 0.63 MW 5%	A N.	4	1,0000	
...04	R9	BRH100KW063J	RES.CHIP 0603 100K 63MW 5%	A N.	4	1,0000	
...04	U1	BCHTDA5200	CIRCUITO INTEGRATO TDA5200 SMD	A N.	4	1,0000	

...04	U2	BCHLM358D	CIRCUITO INTEGRATO LM358D SMD	A	N.	4	1,0000	
...04	X1	BXT13M225625	QUARZO 13.225625MHZ HC49/USM4	A	N.	4	1,0000	
...03	JP15	BMRCRH-AS13	STRIP FEMMINA 13 POLI P.2.54	A	N.	4	1,0000	
...03	JP16	BMRCRH-AS13	STRIP FEMMINA 13 POLI P.2.54	A	N.	4	1,0000	
...03	JP17	BMRCHA2545-32	PIN STRIP90° P.2.54 3X2 POLI MASCHIO	A	N.	4	1,0000	
...03	JP18	BMRCHA2545-6	PIN STRIP90° P.2.54 6 POLI MASCHIO	A	N.	4	1,0000	
...03	JP19	BMR280370-1	CONNETT. AMP MODU2 2 POLI POL.	A	N.	4	1,0000	
...03	JP2	BMRFASTON6.3	LINGUELLA FASTON DA CS 6.3X0.8	A	N.	4	1,0000	
...03	JP20	B0	COMPONENTE DA NON MONTARE	A	N.	5	1,0000	
...03	JP3	BMR110202	P. MORS. EST. VERT. P.5 2 POLI	A	N.	4	1,0000	
...03	JP3A	BMR110102P052	MORS. ESTRAIBILE P.5 2 POLI	A	N.	4	1,0000	
...03	JP4	BMRFASTON6.3	LINGUELLA FASTON DA CS 6.3X0.8	A	N.	4	1,0000	
...03	JP5	BMR110208	P. MORS. EST. VERT. P.5 8 POLI	A	N.	4	1,0000	O
...03	JP5A	BMR110108	MORS. ESTRAIBILE P.5 8 POLI	A	N.	4	1,0000	O
...03	JP6	BMR110202	P. MORS. EST. VERT. P.5 2 POLI	A	N.	4	1,0000	
...03	JP6A	BMR110102P052	MORS. ESTRAIBILE P.5 2 POLI	A	N.	4	1,0000	
...03	JP7	BMRFASTON6.3	LINGUELLA FASTON DA CS 6.3X0.8	A	N.	4	1,0000	
...03	JP8	BMRFASTON6.3	LINGUELLA FASTON DA CS 6.3X0.8	A	N.	4	1,0000	
...03	K1	BRL24VD01A012	RELE 1SC 1A B.24VDC 12.7X7.6X9.7	A	N.	4	1,0000	
...03	K2	BRL24VD01A012	RELE 1SC 1A B.24VDC 12.7X7.6X9.7	A	N.	4	1,0000	
...03	K3	BRL24VD01A012	RELE 1SC 1A B.24VDC 12.7X7.6X9.7	A	N.	4	1,0000	
...03	Q1	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q10	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q11	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q12	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q13	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q14	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q15	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q16	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q17	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q18	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q19	BTRIRF1310N	TRANSISTOR MOSFET IRF1310N	A	N.	4	1,0000	O
...03	Q2	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q20	BTRIRF1310N	TRANSISTOR MOSFET IRF1310N	A	N.	4	1,0000	O
...03	Q21	BTHBC846	TRANSISTOR NPN BC 846 SMD	A	N.	4	1,0000	
...03	Q22	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000	
...03	Q23	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000	
...03	Q24	BTHBC846	TRANSISTOR NPN BC 846 SMD	A	N.	4	1,0000	
...03	Q25	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q26	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q27	BTRIRF1310N	TRANSISTOR MOSFET IRF1310N	A	N.	4	1,0000	O
...03	Q28	BTRIRF1310N	TRANSISTOR MOSFET IRF1310N	A	N.	4	1,0000	O
...03	Q29	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q3	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q30	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000	
...03	Q31	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000	
...03	Q32	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000	
...03	Q33	BTRTIP122C	TRANSISTOR TIP 122 C	A	N.	4	1,0000	O
...03	Q34	BTRIRF1310N	TRANSISTOR MOSFET IRF1310N	A	N.	4	1,0000	O
...03	Q35	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000	
...03	Q36	BTHBC856	TRANSISTOR PNP BC 856 SMD	A	N.	4	1,0000	
...03	Q37	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000	

...03	Q38	BTHBC856	TRANSISTOR PNP BC 856 SMD	A	N.	4	1,0000
...03	Q39	B0	COMPONENTE DA NON MONTARE	A	N.	5	1,0000
...03	Q4	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q40	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q41	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000
...03	Q42	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q43	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000
...03	Q44	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000
...03	Q45	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q46	BTHBC857	TRANSISTOR PNP BC 857 SMD	A	N.	4	1,0000
...03	Q5	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q6	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q7	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q8	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	Q9	BTHBC847	TRANSISTOR NPN BC 847 SMD	A	N.	4	1,0000
...03	RV1	BVS10L30V	MOV S10K30	A	N.	4	1,0000
...03	RV2	BVS10L30V	MOV S10K30	A	N.	4	1,0000
...03	RV3	BVS10L30V	MOV S10K30	A	N.	4	1,0000
...03	RV4	BVS10L30V	MOV S10K30	A	N.	4	1,0000
...03	R1	BRH08K20W1J	RES.CHIP 0805 8K2 0.1W 5%	A	N.	4	1,0000
...03	R10	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R100	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R101	BRMR06805WK	RES.ST.MET. 0.068 OHM 10% 5W	A	N.	4	1,0000
...03	R102	BRMR06805WK	RES.ST.MET. 0.068 OHM 10% 5W	A	N.	4	1,0000
...03	R104	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R107	BRH000R0W1J	PONTICELLO SMD 0-OHM 0805	A	N.	4	1,0000
...03	R109	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R11	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R110	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R111	BRH150K0W1J	RES.CHIP 0805 150K 0.1W 5%	A	N.	4	1,0000
...03	R114	BRH000R0W1J	PONTICELLO SMD 0-OHM 0805	A	N.	4	1,0000
...03	R115	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A	N.	4	1,0000
...03	R116	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R118	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R12	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R120	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A	N.	4	1,0000
...03	R124	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R125	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R126	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R127	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R128	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R129	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R13	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R130	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A	N.	4	1,0000
...03	R131	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R132	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R133	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R134	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R135	BRH01K80W1J	RES.CHIP 0805 1K8 0.1W 5%	A	N.	4	1,0000
...03	R136	BRH015K0W1J	RES.CHIP 0805 15K 0.1W 5%	A	N.	4	1,0000
...03	R137	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R138	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000

...03	R139	BRH01K80W1J	RES.CHIP 0805 1K8 0.1W 5%	A	N.	4	1,0000
...03	R14	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R140	BRH015K0W1J	RES.CHIP 0805 15K 0.1W 5%	A	N.	4	1,0000
...03	R141	BRH100R0W1J	RES.CHIP 0805 100R 0.1W 5%	A	N.	4	1,0000
...03	R142	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R143	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R144	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R145	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A	N.	4	1,0000
...03	R146	BRH08K20W1J	RES.CHIP 0805 8K2 0.1W 5%	A	N.	4	1,0000
...03	R147	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R148	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R149	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R15	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R150	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R151	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R152	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R153	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R154	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R155	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R156	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R157	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R158	BRH04R70W1J	RES.CHIP 0805 4R7 0.1W 5%	A	N.	4	1,0000
...03	R159	BRH04R70W1J	RES.CHIP 0805 4R7 0.1W 5%	A	N.	4	1,0000
...03	R16	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R160	BRH560R0W1J	RES.CHIP 0805 560R 0.1W 5%	A	N.	4	1,0000
...03	R161	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R162	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R17	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R18	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R19	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R2	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R20	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R21	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R22	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R23	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R24	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R25	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R26	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R27	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R28	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R29	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R3	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R30	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R31	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R32	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R33	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R34	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R35	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R36	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R37	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000
...03	R38	BRH047R0W1J	RES.CHIP 0805 47R 0.1W 5%	A	N.	4	1,0000
...03	R39	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A	N.	4	1,0000

...03	R4	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R40	BRH047R0W1J	RES.CHIP 0805 47R 0.1W 5%	A	N.	4	1,0000
...03	R41	BRH01K50W1J	RES.CHIP 0805 1K5 0.1W 5%	A	N.	4	1,0000
...03	R42	BRH01K50W1J	RES.CHIP 0805 1K5 0.1W 5%	A	N.	4	1,0000
...03	R43	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R44	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R45	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R46	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R47	BRH100R0W1J	RES.CHIP 0805 100R 0.1W 5%	A	N.	4	1,0000
...03	R48	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R49	BRH012K0W1J	RES.CHIP 0805 12K 0.1W 5%	A	N.	4	1,0000
...03	R5	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R50	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R51	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R52	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R53	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R54	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A	N.	4	1,0000
...03	R55	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A	N.	4	1,0000
...03	R56	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R57	BRH012K0W1J	RES.CHIP 0805 12K 0.1W 5%	A	N.	4	1,0000
...03	R58	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A	N.	4	1,0000
...03	R59	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R6	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R60	BRH000R0W1J	PONTICELLO SMD 0-OHM 0805	A	N.	4	1,0000
...03	R61	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R62	BRH082K0W1J	RES.CHIP 0805 82K 0.1W 5%	A	N.	4	1,0000
...03	R63	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R64	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R65	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R66	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R67	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R68	BRH047K0W1J	RES.CHIP 0805 47K 0.1W 5%	A	N.	4	1,0000
...03	R69	BRH047K0W1J	RES.CHIP 0805 47K 0.1W 5%	A	N.	4	1,0000
...03	R7	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R70	BRH047K0W1J	RES.CHIP 0805 47K 0.1W 5%	A	N.	4	1,0000
...03	R71	BRH047K0W1J	RES.CHIP 0805 47K 0.1W 5%	A	N.	4	1,0000
...03	R72	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R73	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R77	BRH047K0W1J	RES.CHIP 0805 47K 0.1W 5%	A	N.	4	1,0000
...03	R78	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R79	BRH015K0W1J	RES.CHIP 0805 15K 0.1W 5%	A	N.	4	1,0000
...03	R8	BRH010K0W1J	RES.CHIP 0805 10K 0.1W 5%	A	N.	4	1,0000
...03	R80	BRH015K0W1J	RES.CHIP 0805 15K 0.1W 5%	A	N.	4	1,0000
...03	R81	BRH100R0W1J	RES.CHIP 0805 100R 0.1W 5%	A	N.	4	1,0000
...03	R82	BRH010R0W1J	RES.CHIP 0805 10R 0.1W 5%	A	N.	4	1,0000
...03	R83	BRH010R0W1J	RES.CHIP 0805 10R 0.1W 5%	A	N.	4	1,0000
...03	R84	BRH100R0W1J	RES.CHIP 0805 100R 0.1W 5%	A	N.	4	1,0000
...03	R85	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R86	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R87	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A	N.	4	1,0000
...03	R88	BRH02K20W1J	RES.CHIP 0805 2K2 0.1W 5%	A	N.	4	1,0000
...03	R89	B0	COMPONENTE DA NON MONTARE	A	N.	5	1,0000

...03	R9	BRH03K30W1J	RES.CHIP 0805 3K3 0.1W 5%	A N.	4	1,0000	
...03	R90	B0	COMPONENTE DA NON MONTARE	A N.	5	1,0000	
...03	R91	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A N.	4	1,0000	
...03	R92	BRH04K70W1J	RES.CHIP 0805 4K7 0.1W 5%	A N.	4	1,0000	
...03	R93	BRH100R0W1J	RES.CHIP 0805 100R 0.1W 5%	A N.	4	1,0000	
...03	R94	BRH010R0W1J	RES.CHIP 0805 10R 0.1W 5%	A N.	4	1,0000	
...03	R95	BRH010R0W1J	RES.CHIP 0805 10R 0.1W 5%	A N.	4	1,0000	
...03	R96	BRH100R0W1J	RES.CHIP 0805 100R 0.1W 5%	A N.	4	1,0000	
...03	R97	BRH001K0W1J	RES.CHIP 0805 1K 0.1W 5%	A N.	4	1,0000	
...03	R98	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A N.	4	1,0000	
...03	R99	BRH022K0W1J	RES.CHIP 0805 22K 0.1W 5%	A N.	4	1,0000	
...03	U1	BCHL78M05CDT	CIRCUITO INTEGRATO SMD L78M05CDT	A N.	4	1,0000	
...03	U11	BCHLM26CIM501	SENSORE TEMPERATURA LM26CIM5-SPA (75°	A N.	4	1,0000	
...03	U3	BCHMAX485CSA	CIRCUITO INTEGRATO MAX485CSA SMD	A N.	4	1,0000	
...03	U4	B0	COMPONENTE DA NON MONTARE	A N.	5	1,0000	
...03	U5	BCIARIA	MICROP.PROGRAM.ARIA	N.	0	1,0000	
...04		BCHH8/36077-E	MICROP.HITACHI 36077 FP-64E (0.5MM)	N.	4	1,0000	O
...03	U6	BCI24LC16B	EEPROM SERIALE 16K 24LC16B-1/P	A N.	4	1,0000	
...03	U7	BCHLM358	CIRCUITO INTEGRATO LM358 SMD	A N.	4	1,0000	O
...03	U8	B0	COMPONENTE DA NON MONTARE	A N.	5	1,0000	
...03	Y1	B0	COMPONENTE DA NON MONTARE	A N.	5	1,0000	
...03	Z1	BZC08PINLAM	ZOCCOLO LAMELLARE 8 PIN	A N.	4	1,0000	
..02		F111823 00002	COPIA SCHEDA DISPLAY PER CENTRALE ARI	N.	0	1,0000	
...03	CS1	BCSREG_ARIA	C.S.SCHEDA REGOLAZIONI CENTRALE ARIA	A N.	4	1,0000	
...03	DY1	D110911	DISPLAY LCD 4 CIFRE CUSTOM	N.	0,0050	4 1,0000	O
...03	JP1	BMR826926-13	PIN STRIP P.2.54 13POLI STAGN.H12.4	A N.	4	1,0000	
...03	JP2	BMR826926-13	PIN STRIP P.2.54 13POLI STAGN.H12.4	A N.	4	1,0000	
...03	SW1	BIT12V50L0101	INT.PULS.DA C.S. ALTEZZA 7MM	A N.	4	1,0000	
...03	SW2	BIT12V50L0101	INT.PULS.DA C.S. ALTEZZA 7MM	A N.	4	1,0000	
...03	SW3	BIT12V50L0101	INT.PULS.DA C.S. ALTEZZA 7MM	A N.	4	1,0000	
.01	020	D734014	STAFFA SUPPORTO TRASFORM.VISTA SL ZN	N.	4	1,0000	O
..02		D412578	STAFFA SUPPORTO TRASF.TRANC.	N.	4	1,0000	
.01	021	D141426	CABLAGGIO TRASF.-SCHEDA VISTA 212-229	N.	4	1,0000	O
.01	022	D141435	CABLAGGIO MOTORE-SCHEDA VISTA 212-229	N.	4	1,0000	O
.01	023	D141434	CABLAGGIO ENCODER VISTA 212-229	N.	4	1,0000	O
.01	025	D531543	ROND.D.8,4-17-1,6 UNI6592 ZN	N.	4	6,0000	
.01	026	D511017	VITE TE M8X20 TF 8.8 UNI5739 ZN	N.	0,0200	4 6,0000	O
.01	041	D730719	PIASTRINA FISSAGGIO CARRELLO GETLIGHT	N.	0,0395	4 6,0000	O
..02		D412346	PIASTRINA FISSAGGIO CARRELLO TRANCIAT	N.	4	6,0000	
.01	057	D734052	STAFFA ARRESTO ANTA SINGOLA VISTA ZIN	N.	4	1,0000	O
..02		D412603	STAFFA ARRESTO ANTA SINGOLA VISTA	N.	4	1,0000	
.01	058	D511064	VITE TRILOBATA TC-M4X12 C15 DIN7500-C	N.	0,0100	4 1,0000	O
.01	059	D729034	PROFILO FISSAGGIO PORTA 41X23 ANOD.	MT	1,2200	2 0,7800	O
..02		D610121	PROFILO AL MT.6 AGGANCIO GET Z04640	0 KG	1,0000	4 0,9516	O
..02		999901	SFRIDO ALLUMINIO	N KG	4	0,0714-	
.01	060	D610419	PROFILO DI SUPPORTO 1M TRAVE WMP	N.	4	2,0000	