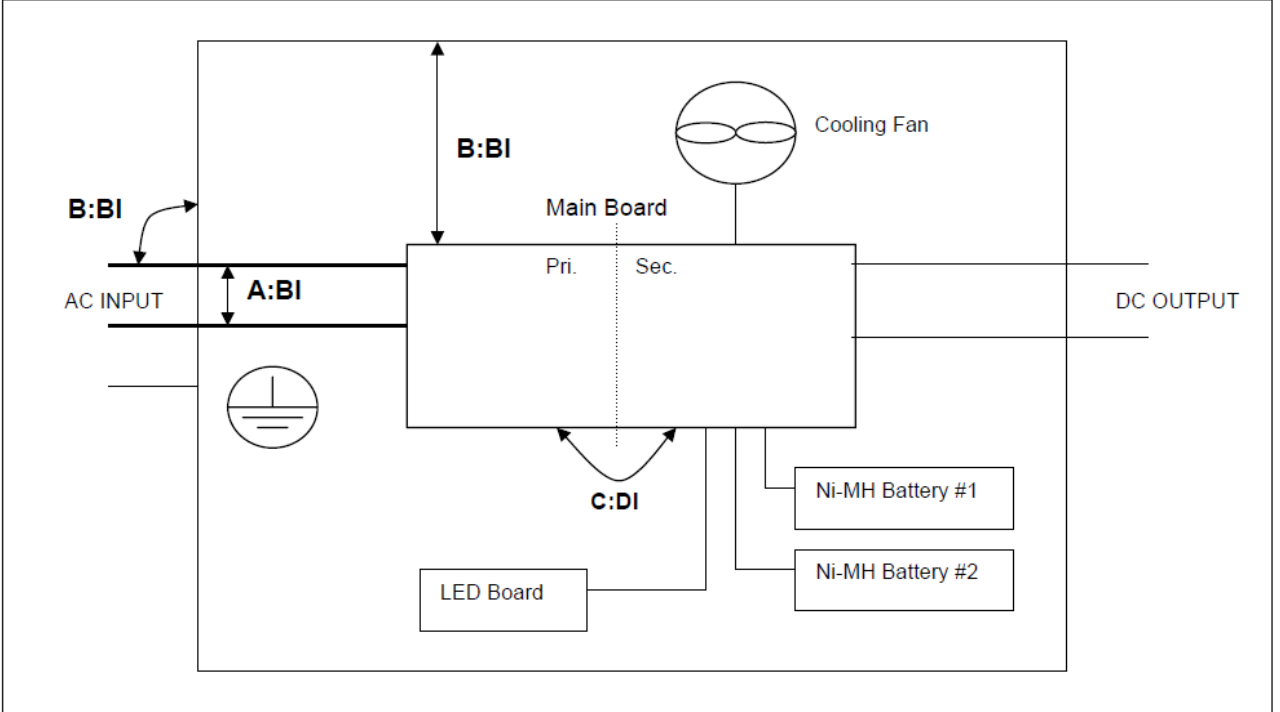


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Clause	Requirement + Test	Result – Remark	Verdict
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6	TABLE: Protection against electric shock - Block diagram of system Form A.5	P
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Pollution degree.....:	2	Installation category (overvoltage category).....:	II
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Location or description	Insulation type (NOTE 1)	Maximum working voltage (NOTE 2)	Creepage distance (NOTE 3)				Clearance (NOTE 3) mm	Test voltage (NOTE 2) V	Comments
			PWB mm	CTI	Other mm	CTI			
A	BI	264Vrms	1.5	> 600	1.5	> 600	1.5	N	Not required
B	BI	264Vrms	1.5	> 600	1.5	> 600	1.5	DC2125V	
C	DI	454V _{peak}	4.6	> 600	4.6	> 600	2.6	DC3249V	

NOTE 1 – Type of insulation: BI = Basic Insulation, DI = Double Insulation, PI = Protective Impedance, RI = Reinforced Insulation, SI = Supplementary Insulation

NOTE 2 - Types of voltage: Peak impulse test voltage (pulse) r.m.s., d.c., peak

NOTE 3 – Installation Categories (Overvoltage Categories) or pollution degrees which differ from these should be shown under "Comments".

Supplementary Information:

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Clause	Requirement + Test	Result – Remark	Verdict
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6.8	TABLE: Dielectric strength tests	Form A.14	P
4.4.4.1 b)	Conformity after application of fault conditions ¹		P
6.4	Protection in normal conditions		P
6.5.2	Double Insulation and Reinforced insulation		P
6.6.1	Connections to external circuits		P
6.7.3.1 c)	Clearance values – General: reduced clearances for homogeneous construction		N
6.10.2.5	Fitting of non-detachable mains supply cords ¹		N
8	Mechanical resistance to shock and impact		P
9.1 a) 2)	Eliminating or reducing the sources of ignition within the equipment		N
9.3 c)	Limited-energy circuit		N
11.2	Cleaning ¹		N
11.3	Spillage ¹		N
11.4	Overflow ¹		N
11.6	Specially protected equipment ¹		N

¹ Record the fault, test or treatment applied before the dielectric strength test

Test site altitude	850 m	—
Test voltage correction factor (see Table 10) ... :	1.08	—

Location or references from Forms A.2 and A.5	Clause or sub-clause	Humidity Yes/No	Working voltage V	Test voltage r.m.s./peak/d.c.v	Comments	Verdict
1. Pri. to GND.	6.8.2	Yes	264Vrms	DC2125V	No breakdown *1	P
2. Pri. to Sec.	6.8.2	Yes	454V _{peak}	DC3249V	ditto *1	P
3. Pri. to GND.	4.4.2	No	264Vrms	DC2125V	ditto *2	P
4. Pri. to Sec.	4.4.2	No	454V _{peak}	DC3249V	ditto *2	P

Supplementary information:
 *1) Tested after preconditioning in 6.8.2.
 *2) Tested after tests of single fault condition.