AC POWER SUPPLY SPECIFICATION

MODEL NO - RND 320-00068

INPUT

INPUT VOLTAGE	100 to 240 VAC
INPUT FREQUENCY	60/ 50 Hz
PROTECTIVE DEVICE	Fuse, 1A 250V
NO LOAD POWER CONSUMPTION	＜0.1W
INPUT FULL LOAD CURRENT (at 100 Vac)	0.5A

OUTPUT

OUTPUT VOLTAGE	24V dc
OUTPUT CURRENT	1000mA

OVERALL PERFORMANCE

TOTAL OUTPUT POWER	24 W Max
EFFICIENCY	Comply with ErP; level VI

PROTECTION

■ OVER CURRENT PROTECTION	■ SHORT CIRCUIT PROTECTION
■ OVER VOLTAGE PROTECTION	■ L.P.S (Limits for power source)
■ OVER POWER PROTECTION	□ AUTOMATIC THERMAL PROTECTION

HI-POT

INPUT TO OUTPUT	3000Vac 5 mA 50 Hz
INPUT TO CASE	3000Vac 5 mA 5Hz
OUTPUT TO CASE	500 Vac 5 mA 50Hz
ISOLATION RESISTANCE	100 M Ohms I/P-O/P I/P/Enclosure
APPLIANCE	Class II

ENVIRONMENTAL

OPERATING TEMPERATURE	0 ℃ to 40 ℃
STORGE TEMPERATURE	-20 ℃ to 60 ℃
OPERATING HUMIDITY	20%-85% RH. NON-CONDENSING
STORGE HUMIDITY	10%-90% RH. NON-CONDENSING

APPROVAL

SAFETY STANDARDS	EN62368-1:2014+A11:2017
EMC	EN 61204-3:2000

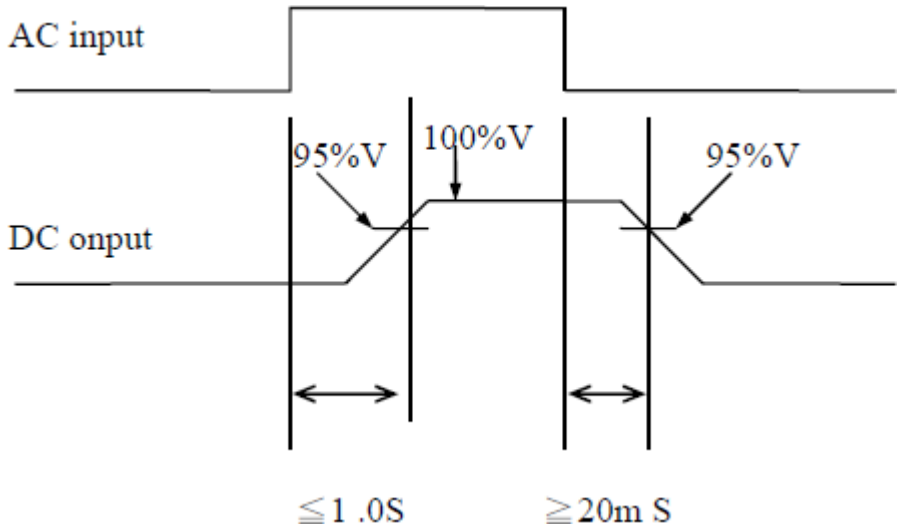
RELIABILITY

MTBF	30000 Hours min
BURN-IN	4 Hours 25℃, full load, 220Vac, 50Hz

MECHANICAL SPECIFICATION

DIMEMSION	87 mm(L)* 51 mm(W)* 40.1 mm(H) (excluded plug) 87 mm(L)* 51 mm(W)* 77.4 mm(H) (included plug)
WEIGHT	168g (excluding packaging)
INPUT PLUG	Direct plug-in; EU type
OUTPUT CABLE	1.8m Black and white wires,
OUTPUT CONNECTOR	Plug E: 5.5x2.1/12

OTHER SPECIFICATIONs

TIME SEQUENCE	Time sequence should be satisfied to power ON/OFF, restart inpower failure AC switch at ON/OFF 
DROP TEST	Test condition: 6 face, each face 1 time 70 cm, on the 5mm wooden board. RESULT: Without opening of case and crack, etc. electric characteristic shall be satisfied light crack after test is acceptable.
ENVIRONMENTAL TEST	LOW TEMPERATURE STORAGE TEST Keep on -30℃(Packing) for 168 hours, and check the action after 3 hours in25℃. RESULT: All normal function and meet specification.
	HIGH TEMPERATURE STORAGE TEST Keep on +70℃(Packing) for 168 hours, and check the action after 3 hours in25℃. RESULT: All normal function and meet specification.
	HIGH HUMIDITY STORAGE TEST Keep on +45℃, 95%RH (Packing) for 168 hours, and check the action after3hour in 25℃. RESULT: All normal function and meet specification.
	TEMPERATURE CYCLE TEST Keep on -45℃(Packing) for 1 hour, then keep on +85℃(Packing) for 1 hourRepeat this cycle until 10 cycle, check the action after an hour in 25℃. RESULT: All normal function and meet specification.

Appearance

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