

Isolation Transformer

SM series

Outline

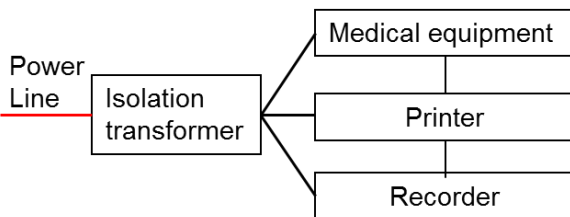
- Isolation of power supply
- Control of leakage current
- Creepage distance 8.0mm
- Dielectric strength AC4.0KV/ 1 minute
- * Meet IEC60601-1
- Wide variety Input & Output V
- Also available for RoHS compliance products



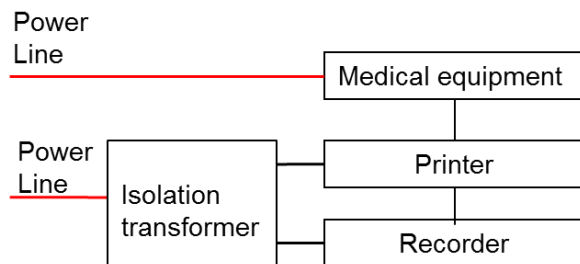
Application

- Protects the patient from any leakage current Medical isolation transformer SM series

For equipment with a lot of leakage current, risk of electric shock can be prevented by putting an isolation transformer between the power supply line and the equipment.



Medical equipment with electric shock measures could also be used in the form as shown in the figure below.



Electric characteristic

Part Name	SM-201V	SM-202V	* SM-204V	SM-301V	SM-302V	SM303V
Input Voltage	AC100V ± 10%			AC100 ~ 120V	AC230V±10%	
Output Voltage	AC100V			AC100 ~ 120V	AC100V	
Rated Power	300VA	500VA	1000VA	900VA	1300VA	1000VA
Voltage Deviation	± 5%					
Voltage Fluctuation Rate	10%					
Environmental Condition	temperature		humidity	temperature		humidity
Operating	5 ~ 40 °C		30 ~ 90%	10 ~ 40 °C		30 ~ 90%
Storage	-20 ~ 70 °C		15 ~ 95%	-20 ~ 65 °C		10 ~ 95%
Lekage current	10 μA	10 μA	20 μA	20 μA	50 μA	50 μA
Dimensions(mm)	150-260-140	150-260-140	150-260-162	292-212-115	290-210-175	165-270-160
Weight(kg)	8.5	11	16.4	13.5	15.5	11.5

Note: * SM-204V is authorized IEC60601-1



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Note: This specification is subject to change without notice. Please contact your nearest sales office for updated information when placing an order.