

# ELECTRONIC TRANSFORMERS



Input AC voltage range	100-264Vac
Line Frequency	47-63Hz
Input Power (no load)	≤ 0.25W at 230V
Output ripple	≤ 200mV
Efficiency typical	≥ 70%
Rise time output voltage	200ms at 80%
Output overcurrent prot.	Yes
Output short circuit prot.	Yes
Thermal protection	Yes
Hi pot	4000 Vac
DC-Insulation resistance	10MΩ min. at 500Vdc
DC-output regulation	±2%

## SERIES:

SMPS 30031XX (3W regulated)			SMPS 30051XX (5W regulated)		
REFERENCE	OUTPUT VOLTAGE	OUTPUT CURRENT	REFERENCE	OUTPUT VOLTAGE	OUTPUT CURRENT
SMPS-3003105	5V	0.60A	SMSP-3005105	5V	1 A
SMPS-3003109	9V	0.33A	SMSP-3005109	9V	0.55 A
SMPS-3003112	12V	0.25A	SMSP-3005112	12V	0.41 A
SMPS-3003115	15V	0.20A	SMSP-3005115	15V	0.33 A
SMPS-3003118	18V	0.16A	SMSP-3005115	18V	0.27 A
SMPS-3003124	24V	0.12A	SMSP-3005124	24V	0.20 A

THERMAL HARACTERISTICS	
Storage ambient temperature	-30°C ~ 85°C
Storage ambient humidity	10% ~ 95%
Operating ambient temperature	-20°C ~ 60°C
Operanting ambient humidity	10% ~ 95%
Maximum working temperature	60°C
SAFETY	
According to	EN60950, EN60335, EN61558-2 -17
EMC	
According to	EN50222, EN55014, EN61000-4-X
RoHS	
	Directive 2002/95/CE

