



SWITCH MODE POWER SUPPLY SMPS30

5W



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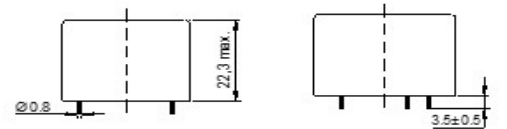
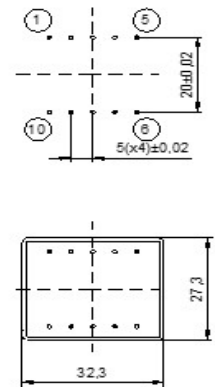
According EN61558, EN60590, EN60472, UL506, UL1585, UL5085 · External protection

FEATURES

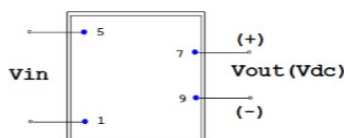
Input AC voltage range	85-265Vac	Output short circuit prot.	Yes
Line Frequency	47-63Hz	Thermal protection	Yes
Input current (full load)	0.2A max at 85Vac-265Vac	Hi pot	4000 Vac (5mA, 3 seconds)
Input Power (no load)	≤ 0.25W at 230V	DC-Insulation resistance	10MΩ min. at 500Vdc
Output ripple	≤ 200mV	Output line regulation	±2%
Rise time output voltage	200ms at 80%	Output load regulation	±5%
Output overcurrent prot.	Yes		

ELECTRICAL CHARACTERISTICS

REFERENCE	OUTPUT VOLTAGE (V)	OUTPUT CURRENT (A)	OUTPUT POWER (W)	OPERATING AMBIENT (°C)	OUTPUT REGULATION	EFFICIENCY
SMPS-3005103	3,3	1.51	5	60	±5%	≥70%
SMPS-3005105	5	1	5	60	±5%	≥70%
SMPS-3005109	9	0,55	5	60	±5%	≥75%
SMPS-3005112	12	0,41	5	60	±5%	≥75%
SMPS-3005115	15	0,33	5	60	±5%	≥75%
SMPS-3005118	18	0,27	5	60	±5%	≥80%
SMPS-3005124	24	0,2	5	60	±5%	≥80%



TECHNICAL INFORMATION



THERMAL CHARACTERISTICS	
Storage ambient temperature	-30°C ~ 85°C
Storage ambient humidity	10% ~ 95%
Operating ambient temperature	-20°C ~ 80°C
Operating ambient humidity	10% ~ 95%
Maximum working temperature	50°C ~ 80°C (see table)
SAFETY	According to EN60950, EN60335, EN61558-2-16, EN61558-2-17, EN IEC 62386-1:2020
EMC	(Conducted and Radiated Emissions) According to EN55032, EN55014
Immunity	According to EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11
Directive	2015/863/EU