

Datenblatt / Data Sheet

Netzteil 24V DC/240W

Power supply 24V DC/240W



Technische Daten / Technical data



Bezeichnung / Description	Eigenschaften / Characteristics	
Artikelnummer / Item no.	66002424	
DC voltage	Ausgang Output	24V
Constant current region		12 ~ 24V
Rated current		10A
Current adj. range		0 ~ 10A
		Can be adjusted by international potential meter or through output cable.
Rated power		240W
Ripple & noise		150mV p-p
Voltage adj. range		22.4 ~ 25.6V
Voltage tolerance		±1.0%
Line regulation		±0.5%
Load regulation		±0.5%
Setup, Rise time	Eingang Input	250ms, 80ms at full load 230V AC / 115V AC
Hold up time (typ.)		15ms at full load 230VAC / 115V AC
Voltage range		95 ~ 264V AC 127 ~ 373V DC
Frequency range		47 ~ 63Hz
Power factor		PF ≥ 0.95/230V AC; PF ≥ 0.98/115V AC at full load and rated output voltage; PF ≥ 0.9 at 65 ~ 100% load
Efficiency (typ.)		93%
AC current (typ.)		4A/115V AC 2A/230V AC
Inrush current (typ.)		COLD START 75A/230V AC
Leakage current		< 0.75mA / 240V AC
Overcurrent	Schutz Protection	27.6 ~ 32.4V
Short circuit		Hiccup mode, recovers automatically after fault condition is removed.
Overvoltage		26 ~ 33V
		Protection type : Shut down and latch off o/p voltage, re-power on to recover
Overtemperature		105°C ± 5°C (TSW1)
		Protection type : Shut down o/p voltage, recovers automatically after temperature goes down
Working temperature	Umfeld Environment	-30 ~ +60°C @ full load; +70°C @ 60% load (Refer to derating curve)
Working humidity		20 ~ 95% RH non condensing
Storage temperature, humidity		-40 ~ +85°C, 10 ~ 95% RH
Temperature coefficient		± 0.03%/°C (0 ~ 50°C)
Vibration		Component: 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes

