

General description

The E2OFxW3 60 family of switch mode power supplies delivers typically 60W output and features wide-range input (90-264V), small size and light weight.

The intended use are built in applications for IT, household and medical applications



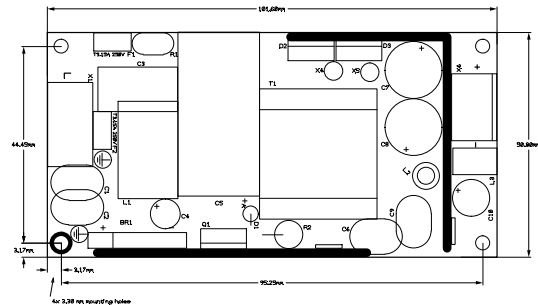
Features

- IT, household and medical approvals
- Insulation input to output 4700V AC
- MTBF >2.000.000h at 50°C ambient
- Fulfilling ErP requirements
- Full power at convection cooling
- SELV –protected class II output
- Level B conducted and radiated emissions
- High power density

Test standards and approvals

Test standards
EN 60950-1
EN 60335-1
EN 61558-2-16
EN 60601-1
UL 60950-1
UL 60601-1
EN 60601-1-2
EN 61000-6-1
EN 61000-6-3
EN 61000-3-2
EN 61000-3-3

PCBA dimensions: 101,6 x 50,8 x 34 mm



Technical parameter

Input Parameter	Key	Min	Typ	Max	Unit
Input voltage	U ₁	90		264	V
Input current	I ₁	2	700	1400	mA
Input frequency	f ₁	47	50	63	Hz
Op. Temperature	T	-20		70	°C
Efficiency	η		87		%
According to EuP Tier II					

Output Parameter	Key	Min	Typ	Max	Unit
Output Power	P ₂			60	W
Output Voltage	U ₂	12		24	V
Ripple voltage	U _{RMS}			50	mV RMS
Output voltage tolerance at PCB	T _{U2}			3	%

