

Specification

Switching Power Supply 112462

Version 1.00



HÖFT & WESSEL

Table of Contents

1. Scope	4
2. Compliance	4
3. Electrical Data	5
3.1 Input Specifications.....	5
3.2 Output Specifications	5
3.3 Safety Specifications.....	5
4. Environmental Conditions	6
4.1 Operating Conditions	6
4.2 Storage Conditions	6
5. Mechanical Specifications	7
5.1 Connectors	7
5.2 Dimensions.....	7
5.3 Weight	7
5.4 Label.....	8
5.5 Packaging.....	8

1. Scope

This document specifies a switching power supply unit.

2. Compliance

This product complies to the following standards:

EN 55022:2006+A1:2007
EN 61558-1:1997+A1+A11
EN 61558-2-17:1997
EN 301489-1:V1.8.1
EN 301489-17:V2.1.1
FCC 47 CFR Part 15

3. Electrical Data

3.1 Input Specifications

Parameter	Remarks	Min	Typ	Max	Unit
Input Voltage		90		264	Vac
Input Current				0.5	A
Input Frequency		47		63	Hz
Inrush current				80	A
No load input current	Vin 100..240V			0.5	A

3.2 Output Specifications

Parameter	Remarks	Min	Typ	Max	Unit
Output Voltage		7.12	7.5	7.88	Vdc
Output Current		0		0.6	A
Output Ripple				120	mVpp
Hold-up time	loss of Vin=110Vac at full load, output within regulation	8			ms
Output rise time	10% to 90%	1		20	ms
Turn on delay				2	s
Efficiency	Nominal line, rated load	63			%

3.3 Safety Specifications

Parameter	Remarks	Min	Typ	Max	Unit
Insulation resistance	500 Vdc		10		MOhm
Dielectric strength	1 minute, 10 mA			4242	V

4. Environmental Conditions

4.1 Operating Conditions

Parameter	Remarks	Min	Typ	Max	Unit
Ambient temperature		0		40	°C
Relative humidity		10		85	%
Altitude				3000	m

4.2 Storage Conditions

Parameter	Remarks	Min	Typ	Max	Unit
Ambient temperature		-40		70	°C
Relative humidity		5		95	%

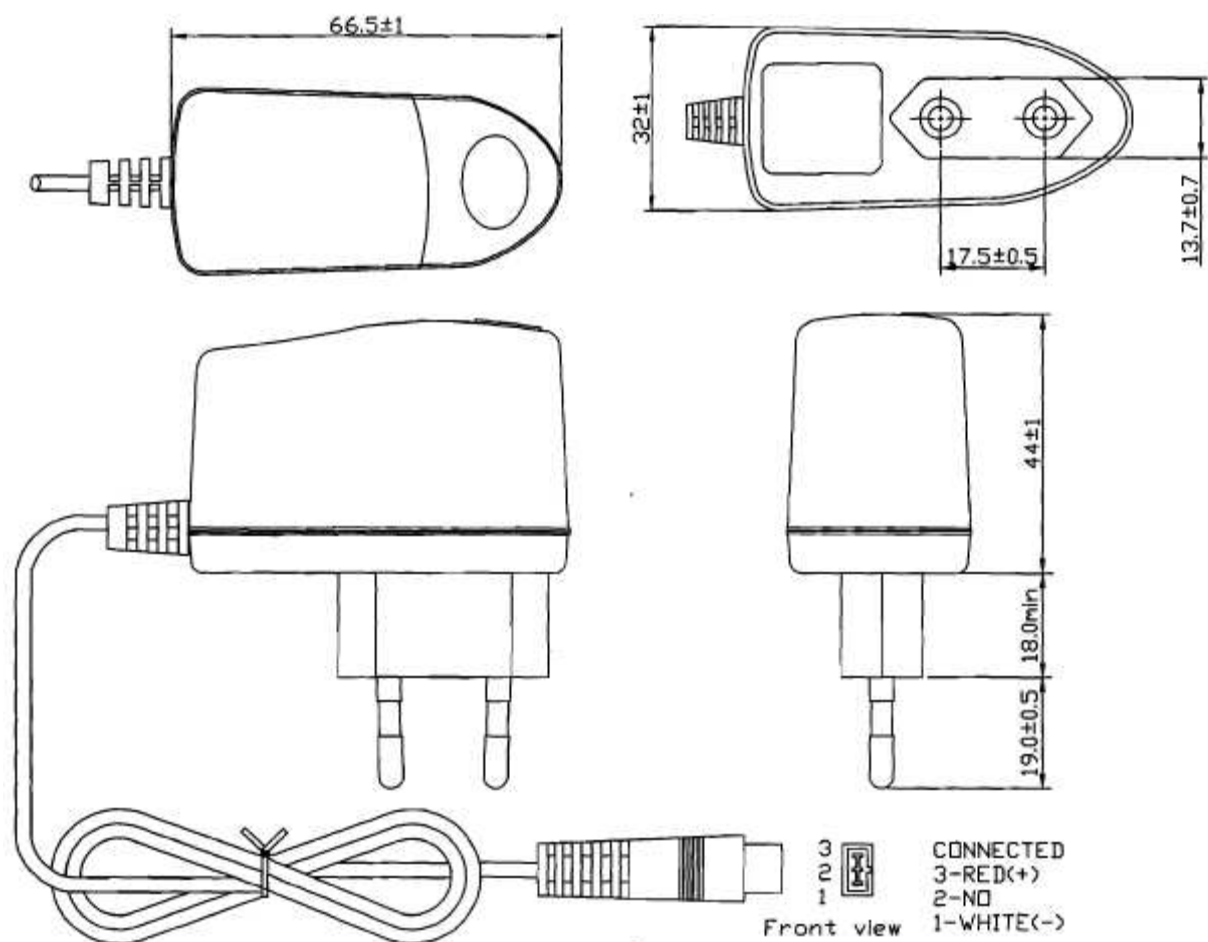
5. Mechanical Specifications

5.1 Connectors

Primary connector: Euro AC plug

Secondary connector: 3-pole DC plug for HW 86xx

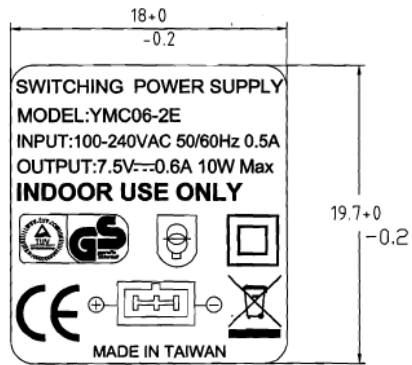
5.2 Dimensions



5.3 Weight

Parameter	Remarks	Min	Typ	Max	Unit
Weight			80		g

5.4 Label



5.5 Packaging

