OMRON

EC Declaration of Conformity

We hereby declare that the following product is in conformity with the requirements of the following EC Directives:

Product : Switching Phase Power Supplies
Type : S8VT series
Models : S8VT-F12024E / S8VT-F24024E / S8VT-F48024E / S8VT-F96024E

Title and No. of Directives:

EN 60950-1	**Safety of information technology equipment**
EN 61204-3	**Low voltage power supplies, d.c. output – Part 3: Electromagnetic compatibility (EMC)**
EN 55011 (EN55022)	Limits and methods of measurements of radio disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment
EN 61000-3-2	Limits for harmonic current emission (equipment input current ≤16 A per phase)
EN 61000-4-2	Electrostatic discharge immunity test
EN 61000-4-3	Radiated radio-frequency electromagnetic field immunity test
EN 61000-4-4	Electrical fast transient/burst immunity test
EN 61000-4-5	Surge immunity test
EN 61000-4-6	Immunity to conducted disturbances induced by radio-frequency fields
EN 61000-4-8	Power frequency magnetic field immunity test
EN 61000-4-11	Voltage dips, short interruption and voltage variations immunity tests

This product is designed and manufactured in accordance with the following standards :
2006/95/EC Low Voltage Directive
2004/108/EEC EMC Directive
and successive amendments

Manufacturer :
Name : Omron Europe B.V.
Address : Wegalaan 67-69 2132 JD Hoofddorp, The Netherlands

Date : 15.01.2009

Signed:
Hugo Sintnicolaas
European Manufacturing and Q&E Manager

Note 1: the conformity is in accordance to the installation executed in compliance with the workbook.
Note 2: all tests are performed with resistive loads.

Specification of Conformity

Model: **S8VT-F12024E**

Date: **2007/03/28**

Remarks:

Safety

Test [1]	Norm	Level	Remarks
Dielectric strength Input -	EN 60950-1	3 KV (rms)	50/60 Hz for 60 s
Dielectric strength Input - PE		2.5 KV (rms)	
Dielectric strength Output - PE		1 KV (rms)	

([1]) Type tests are conducted by the manufacturer. Do not repeat them in field.

EMC immunity

Test	Norm	Level	Result [2] (criterion)
Electrostatic discharge	EN 61000-4-2	Contact: 8 KV Air: 15 KV	A
Radiated field	EN 61000-4-3	10 V/m	A
Fast transients (bursts)	EN 61000-4-4	Input: ± 4 kV Output: ± 2 kV	A
Surge	EN 61000-4-5	± 1 kV (line to line) ± 2 kV (line to earth)	A
Conducted disturbance	EN 61000-4-6	10 V (rms)	A
Power frequency magnetic field	EN 61000-4-8	30 A/m	A
Voltage dips and variations	EN 61000-4-11	30 % U_n for 10 ms 60 % U_n for 100 ms 95 % U_n for 5 s	A B B

([2]) Criterion A: normal performance within limits specified by the manufacturer, requestor or purchaser
Criterion B: temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the equipment under test recovers its normal performance, without operator intervention.

EMC emission

Test	Norm	Level	Remarks
Conducted noise (input lines)	EN55011 (EN55022)	Class B	
Radiated noise	EN55011 (EN55022)	Class B	
Harmonic input current	EN61000-3-2	Class A	

Note 1: the conformity is in accordance to the installation executed in compliance with the workbook.
Note 2: all tests are performed with resistive loads.