

EC DECLARATION OF CONFORMITY

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

Product:	Switching Power Supply
Type:	S8VS series
No. of Directive:	2004 / 108 / EC
Title of Directive:	Electromagnetic Compatibility
No. of Directive:	2006 / 95 / EC
Title of Directive:	Low Voltage

This product is designed and manufactured in accordance with the following standards.

EMC: EN61204-3: 2000 Class A High severity levels except for 15 W and 30 W
EN61204-3: 2000 Class B High severity levels for 15 W and 30 W

Safety: EN60950-1: 2001+A11:2004
EN50178: 1997

Year, which the CE marking is affixed: '02

Manufacturer:

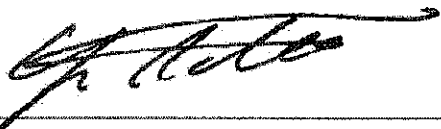
Name : OMRON Corporation, Industrial Automation Company
Industrial Component Div. Business Group
Control Devices Division HQ.

Address : 2-2-1, Nishikusatsu, Kusatsu-city,
SHIGA, 525-0035, Japan

Date:

June 21, 2009

Signed:


Y. Iitaka
General Manager, Industrial Component Division

Representative in EU:

Name : Omron Europe B.V.
Address : Zilveren berg 2, 5234 GM's-Hertogenbosch
THE NETHERLANDS

Date:

29.06.2009

Signed:


H. Sintniclaas
European Manufacturing Manager

Nomenclature / Variants / Similarities

Type S8VS series

S8VS - () () () () - ()
 a b c d e f

a. Model Name

b. Power Ratings

015:	15 W
030:	30 W
060:	60 W
090:	90 W
120:	120 W
180:	180 W
240:	240 W

c. DC Output Voltage

05:	5 V
12:	12 V
24:	24 V

d. Structure:

Blank:	Standard type
A:	Provided with maintenance forecast monitor
B:	Provided with total run time monitor

e. Transistor Output Type, except for 60W and 480W series

Blank:	Sinking (NPN)
P:	Sourcing (PNP)

f. Special Type

Blank:	Standard type
100-149, 300-999:	Special type

Condition & Specification of Conformity

- 1. Type Designation:** S8VS series
- 2. Power Ratings / Output Voltage:** 15W / 5 V DC, 12 V DC and 24 V DC
 30W / 5 V DC, 12 V DC and 24 V DC
 60W / 24 V DC
 90W / 24 V DC
 120W / 24 V DC
 180W / 24 V DC
 240W / 24 V DC
- 3. Input Voltage:** 100 to 240 V AC, 50 / 60 Hz
- 4. Ambient Temperature:** -10 to 60°C (According to Derating Curve described in catalogue.)
- 5. Dielectric Strength:**
 3000 V AC at 50 / 60 Hz for 1 minute between all inputs and outputs
 2000 V AC at 50 / 60 Hz for 1 minute between all inputs and PE terminal
 500 V AC at 50 / 60Hz for 1 minute between all outputs and PE terminal
- 6. Electromagnetic Compatibility:**
- a. Electrostatic Discharge Immunity: EN61000-4-2
 4 kV: contact discharge
 8 kV: air discharge
- b. Radiated Electromagnetic Field Immunity: EN61000-4-3
 10 V/m (Amplitude modulated, 80 MHz - 1 GHz) for 60 W, 90 W
 10 V/m (Amplitude modulated, 80 MHz - 1 GHz, 1.4 GHz - 2.0 GHz)
 for 15 W, 30 W, 120 W, 180 W and 240 W
- c. Electrical Fast Transient / Burst Immunity: EN61000-4-4
 2 kV : power line
 2 kV : DC output power port
 2 kV : Signal port
- d. Surge Immunity: EN61000-4-5
 1 kV : line to line (AC input)
 2 kV : line to ground (AC input)
- e. Conducted Disturbance Immunity: EN61000-4-6
 10 V (0.15 - 80 MHz)
- f. Magnetic Fields: EN61000-4-8
 50 Hz, 30 A/m except for 15 W and 30 W
- g. Voltage Dips/ Short Interruptions: EN61000-4-11
 30 % / 0.5 period
 60 % / 5 period
 60 % / 50 period
 >95 % / 250 period
- h. EMI Radiated: EN55011 Group 1 Class A except for 15 W and 30 W
 EN55011 Group 1 Class B for 15 W and 30 W
- i. EMI Conducted: EN55011 Group 1 Class A except for 15 W and 30 W
 EN55011 Group 1 Class B for 15 W and 30 W
- j. EMI Current Harmonics: EN61000-3-2 class A
- k. EMI Voltage Fluctuation: EN61000-3-3 only for 15 W and 30 W

7. Safety:

EN 60950-1
EN 50178
Protection Class I
Overvoltage Category III

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This product is designed and manufactured in accordance with the following standards.

EMC: EN61204-3: 2000 Class A High severity levels for 480W
EN61204-3: 2000 Class B High severity levels except for 480W

Safety: EN60950-1: 2001+A11:2004
EN50178: 1997

Year, which the CE marking is affixed: '07

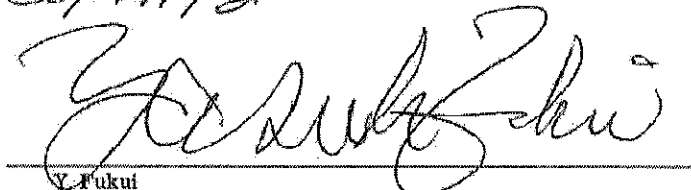
Manufacturer:

Name: Omron Corporation, Control Devices Division HQ.
Address: Shiokoji Horikawa
Shimogyo-ku
Kyoto, 600-8580 Japan

Date:

20/MAY/2008

Signed:


Y. Fukui
General Manager, Power Electronics Department

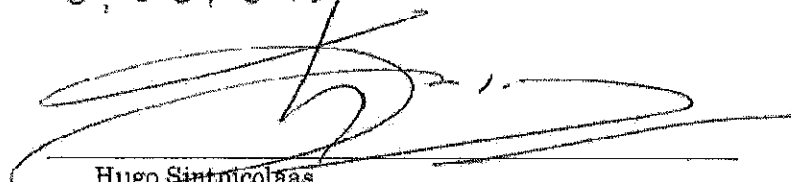
Representative in EU:

Name: Omron Europe B.V.
Address: Zilverenberg 2,
5234 GM, 's-Hertogenbosch,
The Netherlands

Date:

6.06.2008

Signed:


Hugo Sintnicolaas
European Manufacturing Manager

Nomenclature / Variants / Similarities

Type S8VS series

S8VS - () () () - () - ()
 a b c d e f

a. Model Name

b. Power Ratings

060:	60 W
090:	90 W
120:	120 W
180:	180 W
240:	240 W
480:	480 W

c. DC Output Voltage

24:	24 V
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d. Structure:

Except for 480W

Monitor type / Transistor output type

Blank: Not provided / Not provided

S (For 90W type only):

Not provided / Not provided - Class 2 output

For 480W

Blank: Standard type

A: Provided with alarm function and maintenance forecast monitor

B: Provided with alarm function and total run time monitor

e. Terminal type

Blank: Screw type

F: Screw-less type

f. Special Type

Blank: Standard type

100-149, 300-999: Special type

Condition & Specification of Conformity

- 1. Type Designation:** S8VS series
- 2. Power Ratings / Output Voltage:** 60 W / 24 V DC
90 W / 24 V DC
120 W / 24 V DC
180 W / 24 V DC
240 W / 24 V DC
480 W / 24 V DC
- 3. Input Voltage:** 100 to 240 V AC, 50 / 60 Hz
- 4. Ambient Temperature:** -10 to 60°C (According to Derating Curve described in catalogue.)
- 5. Dielectric Strength:**
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- 6. Electromagnetic Compatibility:**
- a. Electrostatic Discharge Immunity: EN61000-4-2
4 kV : contact discharge
8 kV : air discharge
- b. Radiated Electromagnetic Field Immunity: EN61000-4-3
10 V/m (Amplitude modulated, 80 MHz - 1 GHz)
- c. Electrical Fast Transient / Burst Immunity: EN61000-4-4
2 kV : power line
2 kV : DC output power port
2 kV : signal port
- d. Surge Immunity: EN61000-4-5
1 kV : line to line (AC input)
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10 V (0.15 - 80 MHz)
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50 Hz, 30 A/m for 480 W
- g. Voltage Dips/ Short Interruptions: EN61000-4-11
30 % / 0.5 period
60 % / 5 period
60 % / 50 period
>95 % / 250 period
- h. EMI Radiated: EN55011 Group 1 Class A for 480 W
EN55011 Group 1 Class B except for 480 W
- i. EMI Conducted: EN55011 Group 1 Class A for 480 W
EN55011 Group 1 Class B except for 480 W
- j. EMI Current Harmonics: EN61000-3-2 class A
- 7. Safety:** EN 60950-1
EN 50178
Protection Class I
Overvoltage Category III