

# Switch Mode Power Supply S8JX (15/35/50/100/150/300/600-W Models)

## S8JX-G Series

**Easy-to-use, Widely range from 15 W to 600 W (Output Voltage: 5 V to 48 V)**

- Easy Mounting:  
Front-mounted type, DIN rail-mounted type are available.  
Screw-mount at the top. (except 300-/600-W models)
- Safety standards:  
UL 508/60950-1  
cUL CSA C22.2 No. 107.1  
cUR CSA C22.2 No. 60950-1  
EN 50178 (= VDE 0160) Over voltage category III  
EN 60950-1 (= VDE 0805 Teil 1)
- EMC: Conforms to EN 61204-3.  
(EMI:EN55011 ClassA)
- Input conditions:  
The input voltage range of 15-W, 35-W, 50-W, 100-W, and 150-W models has been increased to 80 to 370 VDC (EC Directives and safety standards do not apply.).



## S8JX-P Series

**S8JX-P Series with EMI ClassB and Power Factor Correction is newly added to S8JX Series.**

- (Applicable to all capacities from 50 W to 600 W)
- Limits for harmonic current emissions (conforms to EN61000-3-2)
  - Conforms to EMI EN55011 Class B
  - Applicable to input free voltage: 100 to 240 VAC
  - Extended DC input voltage range: 80 to 370 VAC  
\* DC input is not subject to EC directives and safety standards.
  - Easy mounting: Front-mounting bracket type and DIN-Rail mounting type are included as standard with the product.  
Screw-mount at the top.  
(except 300-/600-W models)
  - Safety standards  
- UL508/60950-1, cUL CSA C22.2 No.107.1, cUR CSA C22.2 No.60950-1  
- EN50178 (=VDE0160) Over voltage category III \*  
EN60950-1 (=VDE0805 Teil1) \*  
\* Scheduled to be obtained in June, 2012  
(5V, 12V, and 48V types of 300-W/600-W models).
- <Applicable only for 300 W and 600 W>
- High capacity application-covered functions are included as standard with the product.
  - Alarm detection function, Remote control function, Remote sensing function



 Refer to *Safety Precautions* on page 53.

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S8JX-P

Common Precautions

# S8JX

## Model Number Structure

### Model Number Legend

**Note:** Not all combinations are possible. Refer to *List of Models in Ordering Information* on page 3.

#### 15-/35-/50-/100-/150-W Models

S8JX-G

1 2 3 4

#### 1. Power Ratings

- 015: 15 W
- 035: 35 W
- 050: 50 W
- 100: 100 W
- 150: 150 W

#### 2. Output Voltage

- 05: 5 V
- 12: 12 V
- 15: 15 V
- 24: 24 V
- 48: 48 V

#### 3. Configuration (15/35/50/100/150 W model)

- None: Open-frame
- C: Covered

#### 4. Configuration/mounting

- None: Front-mounting
- D: DIN Rail-mounting

#### 300-/600-W Models

S8JX-G

1 2 3

#### 1. Power Ratings

- 300: 300 W
- 600: 600 W

#### 2. Output Voltage

- 05: 5V
- 12: 12 V
- 24: 24 V
- 48: 48 V

#### 3. Configuration/mounting (covered type)

- C: Front-mounting
- CD: DIN Rail-mounting

**Note:** Estimates can be provided for coatings and other specifications that are not given in the datasheet. Ask your OMRON representative for details.