

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.).

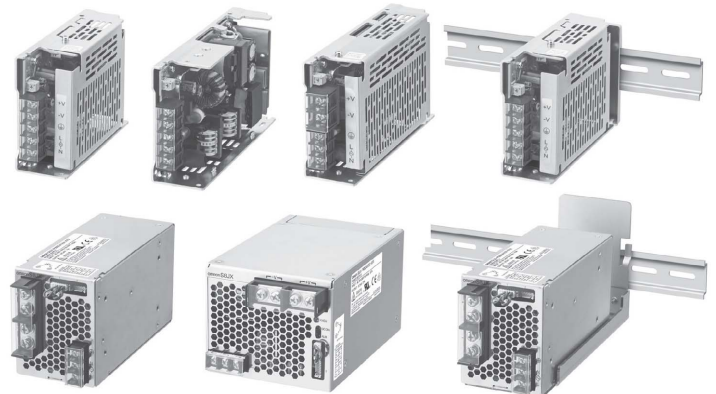


For the most recent information on models that have been certified for safety standards, refer to your OMRON website.

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 VDC
* 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)
- <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



For the most recent information on models that have been certified for safety standards, refer to your OMRON website.



Refer to *Safety Precautions* on page 55.

S8JX-G

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 type
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.