

Switch Mode Power Supply

S8VS (60/90/120/180/240/480-W Models)

60/90/120/180/240/480-W Models

Models with Indication Monitor and Simple Functions for Easy System Commissioning

- 60-W and 90-W models with indication monitor that conform to UL Class 2 Output standards.
- Models with screwless terminal blocks
- Status displayed on 3-digit, 7-segment display.
- Safety standards:
UL 508/60950-1,
CSA C22.2 No. 107.1/60950-1
EN 50178 (= VDE 0160)
EN 60950-1 (= VDE 0805 Teil 1)
- Input conditions: DC input is also possible from 80 to 370 VDC (Not compliant with EC Directives and other safety standards.)
- Mount to DIN Rail.
- Complies with SEMI F47-0706 (200-VAC input).
- RoHS-compliant.



 Refer to *Safety Precautions for All Power Supplies* and *Safety Precautions* on page 29.

Model Number Structure

Model Number Legend

Note: Not all combinations are possible. Refer to *List of Models* in *Ordering Information*, below.

S8VS-

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 1 2 3 4 5 6

1. Power Ratings

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

2. Output voltage

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

3. Indication monitor

A: With indication monitor (maintenance forecast monitor)
 B: With indication monitor (total run time monitor)
 BE: With indication monitor but without alarm output (total run time monitor)

4. Alarm output

None: Sinking (Emitter COM) *
 P: Sourcing (Collector COM)

Note: No alarm output possible with 60-W models.

* Both sinking and sourcing outputs are available for 480-W models.

5. UL Class 2 Output Standards (UL 1310)

None: Does not conform. *
 S: Conforms.

* 60-W and 90-W models conform to Class 2 output standards (UL 1310).

Note: The S option is available only for 90-W models.

6. Terminal Block Form

None: Screw terminal block
 F: Screwless terminal block

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