

Switch Mode Power Supply S8VS (15/30/60/90/120/180/240-W Models)

15/30-W Models

Compact, Thin Power Supplies That Mount Just About Anywhere to Contribute to Control Panel Downsizing

- Compact, thin size: 22.5 × 85 × 96.5 mm (W × H × D).
- Three mounting directions (standard, horizontal, facing horizontal).
- Side-by-side mounting directly in panels is possible.
- Safety standards: UL508/60950-1/1604, CSA C22.2 No. 14/60950-1/213, EN50178 (= VDE0160), EN60950-1 (= VDE0805).



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

New Models with Total Run Time Monitor in Addition to Models with Maintenance Forecast Monitor

- Compact size: 40 × 95 mm (W × H) (60-W Models).
- Status displayed on 3-digit, 7-segment display.
- Safety standards: UL508/60950, CSA C22.2 No. 14/60950, EN50178 (= VDE0160), EN60950 (= VDE0805).



Features Common to All Models

- Mount to DIN Rail.
- Lead-free solder.

Model Number Structure

Model Number Legend

S8VS-

| | | | | | |
|---|---|---|--|--|--|
| | | | | | |
| 1 | 2 | 3 | | | |

1. Power Ratings

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

2. Output voltage

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

3. Configuration

15-W, 30-W Models

None: Standard

60-W Models

None: Standard

A: With maintenance forecast monitor

B: With total run time monitor

90-W, 120-W, 180-W, 240-W Models

None: Standard

A: With maintenance forecast monitor and undervoltage alarm (transistor (sinking))

B: With total run time monitor and undervoltage alarm (transistor (sinking))

AP: With maintenance forecast monitor and undervoltage alarm (transistor (sourcing))

BP: With total run time monitor and undervoltage alarm (transistor (sourcing))

Ordering Information

| Power ratings | Input Voltage | Output voltage | Output current | Alarm output | Model number |
|---------------|----------------|----------------|----------------|--------------|--------------------------|
| 15 W | 100 to 240 VAC | 5 V | 2.0 A | --- | S8VS-01505 (See note 1.) |
| | | 12 V | 1.2 A | | S8VS-01512 |
| | | 24 V | 0.65 A | | S8VS-01524 |
| 30 W | | 5 V | 4.0 A | --- | S8VS-03005 (See note 2.) |
| | | 12 V | 2.5 A | | S8VS-03012 |
| | | 24 V | 1.3 A | | S8VS-03024 |
| 60 W | | 24 V | 2.5 A | --- | S8VS-06024 |
| | | | | | S8VS-06024A |
| | | | | | S8VS-06024B |
| 90 W | 24 V | 3.75 A | --- | S8VS-09024 | |
| | | | | Sinking | S8VS-09024A |
| | | | | Sourcing | S8VS-09024AP |
| | | | | Sinking | S8VS-09024B |
| | | | | Sourcing | S8VS-09024BP |
| 120 W | | 5 A | --- | S8VS-12024 | |
| | | | | Sinking | S8VS-12024A |
| | | | | Sourcing | S8VS-12024AP |
| | | | | Sinking | S8VS-12024B |
| 180 W | | 7.5 A | --- | S8VS-18024 | |
| | | | | Sinking | S8VS-18024A |
| | | | | Sourcing | S8VS-18024AP |
| | | | | Sinking | S8VS-18024B |
| 240 W | | 10 A | --- | S8VS-24024 | |
| | | | | Sinking | S8VS-24024A |
| | Sourcing | | | S8VS-24024AP | |
| | Sinking | | | S8VS-24024B | |
| | | | | Sourcing | S8VS-24024BP |

Note: 1. The output capacity of the S8VS-01505 is 10 W.

2. The output capacity of the S8VS-03005 is 20 W.