

S8V POWER SUPPLIES

High capacity in a compact format



» performance and reliability

» Long life - switch mode power supplies

» Complete single and 3 - phase ranges

All the power to suit your needs...

Our S8V series of industrial compact power supplies offers the power you need for your application.

Available with single-phase and three-phase input voltages, the single-phase S8VS range goes up to 20A and the three-phase S8VT range extends to 40A.

The S8V series has many practical features that make these power supplies safe and easy to install.

S8VS single phase power supplies Compact series

The S8VS is our most compact single-phase power supply range. The dimensions of these compact power supplies mean that less panel space and depth are required. The range starts at 0.65A and goes up to 20A at 24VDC. The 20A model is the latest addition to our successful S8VS series. This model is able to supply a short-duration 30A peak output current. The S8VS range offers reliability with compactness and combines high capacity with natural (fan-less) cooling. All models are designed for easy click-on DIN-rail mounting and give full power in a wide ambient temperature range. The terminal locations are situated at the upper and lower side of the power supply, so that input- and output-terminals are separated.

Benefits S8VS

All the power to run your application

- Full range from 0.65 A up to 20 A in only 6 models

Ideal for global use

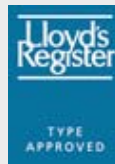
- Wide input range 100 – 240VAC

Global availability

- We are present on all continents/in all countries

Suited for marine applications

- Lloyd's Register certified



S8VT 3-phase power supplies

Performance in robust housing

The S8VT is our series of compact three-phase input power supplies with a wide input range from 400 to 500VAC. The S8VT offers one of the best power-to-footprint ratios on the market. The range comprises four models available with power ratings of 5, 10, 20 or 40A at 24VDC. All models are fuse protected to secure protection of the power supply and your DC application.



The S8VT range is designed for industrial use and therefore features DIN-rail mounting, a strong metal case and gives full power without the need for additional ventilation.

Furthermore, all models are equipped with double connection for the DC supply, making wiring easier. On top of this you can use the S8VT as well as a single-phase DC/DC converter with an input voltage up to 810 VDC. The series conforms to industrial standards around the world.

Benefits S8VT

All the power to run your application & reduce panel space

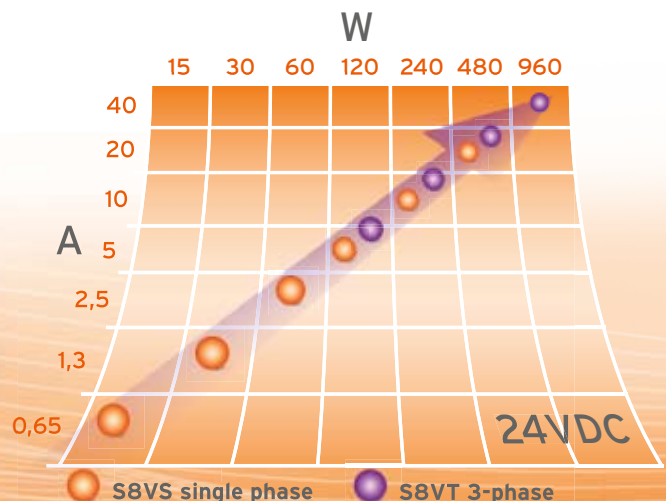
- Full range from 5A up to 40A in only 4 models with best power-to-footprint ratio

Prevent imbalance in main supply

- Wide 3-phases input range

To increase output voltage or power

- Parallel or serial connections possible



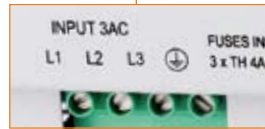
Practical features that make the S8V safe and easy to use



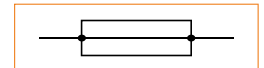
DIN-rail mounting
Sturdy, quick and safe mounting.



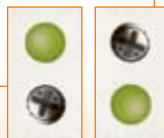
Wide voltage input range
Ideal for global use.



Built-in main supply fuses
No additional external fuses needed.



Finger protection covers
Prevents accidental contact with active terminals.



Output voltage control

- LED indication output ON
- Output adjustable <-10% to +15%>

Double output terminals
Maximum convenience for easy wiring.



... Find related datasheets

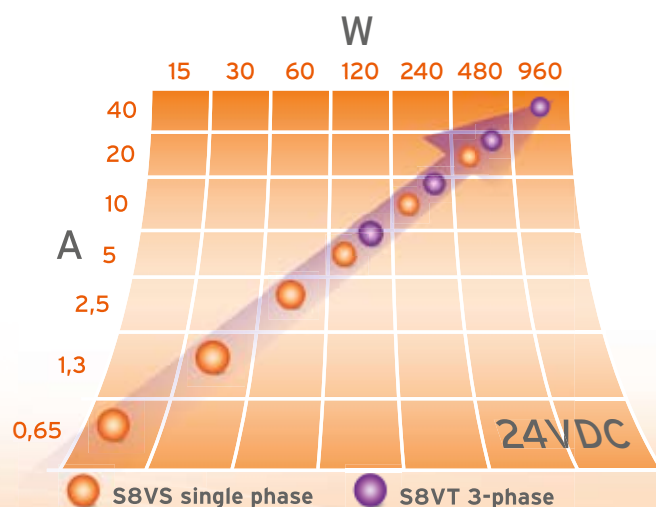
 www.industrial.omron.eu/s8v

Model	Description
S8VS Single Phase Power Supplies	
S8VS-01524	Power supply, plastic case, 22.5mm wide DIN rail or direct panel mounting, 100/240VAC supply, 15W 24VDC 0.65A output
S8VS-03024	Power supply, plastic case, 22.5mm wide DIN rail or direct panel mounting, 100/240VAC supply, 30W 24VDC 1.3A output
S8VS-06024	Power supply, 60W, 100-240VAC input, 24VDC 2.5A output, DIN rail mounting
S8VS-12024	Power supply, 120W, 100-240VAC input, 24VDC 5A output, DIN rail mounting
S8VS-24024	Power supply, 240W, 100-240VAC input, 24VDC 10A output, DIN rail mounting
S8VS-48024	Power supply, 480W, 100-240VAC input, 24VDC 20A output, DIN rail mounting

S8VT Three Phase Power Supplies	
S8VT-F12024E	Power supply, 120W, 320-480VAC 3-phase input, 24VDC 5A output, DIN rail mounting
S8VT-F24024E	Power supply, 240W, 320-480VAC 3-phase input, 24VDC 10A output, DIN rail mounting
S8VT-F48024E	Power supply, 480W, 320-480VAC 3-phase input, 24VDC 20A output, DIN rail mounting
S8VT-F96024E	Power supply, 960W, 320-500VAC 3-phase input, 24VDC 40A output, DIN rail mounting



480 W / 20 A



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