

## Compact power supplies...

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Omron has developed a new and exciting family of compact power supplies. With the same high quality and practical design that made our previous series safe, reliable, and easy to install, the new S8VK series is even tougher, more compact and easier to use.

Omron is a world leader in the development and manufacture of industrial power supplies.

We launched our first compact product, the S82K, in 1987 and our S8VS compact series has been an automatic choice with customers since 2002.

To ensure that we provide the perfect solution to match every customer's need, Omron has launched 4 different families: the cost effective S8VK-C, the standard with single-phase input S8VK-G, the standard with three-phase input S8VK-T, and the redundancy unit S8VK-R.

**...that make a world of difference!**

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### Three compelling reasons why the S8VK is the right power supply for you:

#### ■ Resistant in tough environments

Omron is confident that the quality of the S8VK will exceed your high expectations. Its robust design and construction withstand harsh environments and provide stable operation over a wide operating temperature range. Because of high MTBF figures, your S8VK will keep running in stable condition for a long term.

#### ■ Easy and fast installation

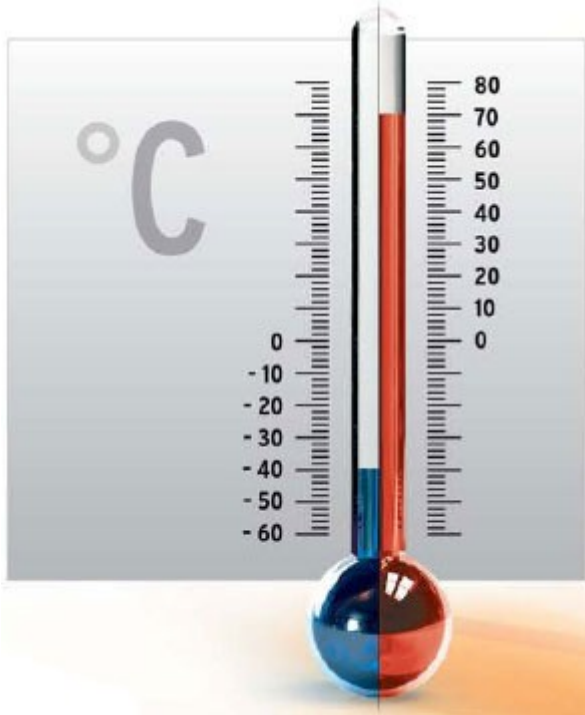
The S8VK series not only offers you greater flexibility when designing your machine, it also saves you time and reduces costs thanks to the minimal wiring requirements and easy one-handed mounting provided by the enhanced DIN-rail mounting clip.

#### ■ The most compact class on the market

Designed with space saving in mind, the S8VK series is our most compact power-supply range ever and the most compact class on today's market.

**Resistant in tough environments**

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Wherever the S8VK is installed within the range of the S8VK derating curve, it will give the same reliable performance for the duration of its service life. The wide operating temperature range of between  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  (S8VK-G/T/R) guarantees stable operation in any environment where other power supplies may be found lacking. But its robust design advantages don't end there because the S8VK also offers high resistance to the vibration transmitted by machinery in close proximity, this is due to the vibration-resistant DIN-rail mounting clip.

### Easy and fast installation

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#### Making your life easier



Simply click onto a standard DIN rail using one hand to mount in a flash. Effortless and time saving! In addition, the S8VK features a double set of DC output terminals (three for the negative terminal), which means you also spend less time and effort on wiring.

### Long-life guaranteed

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Designed to international safety standards for global markets, the S8VK even has approvals for marine applications (S8VK-G/T/R) and carries an across-the-board, warranty on all models no matter which country your

machine is exported to! Because of high MTBF figures, your S8VK will keep running in stable condition for a long term.

### The most compact class on the market

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#### Designed with downsizing in mind



Omron knows that size is important for machine designers, which is why we have applied our developed technology using thermal simulation for the design of the S8VK. This enabled the S8VK compact size body. This gives a high power density in a compact package. And the S8VK has an even sleeker exterior than any previous models.