

Product information sheet

Product number: 0432412182

Date: 17.04.2026

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DC-DC Converter PV18s 24-12 V/18 A

DC-DC converter with 24 V input voltage to 12 V output voltage in compact switched-mode technology, lightweight, shock and vibration resistant with IP53.

- // Compact switched-mode technology
- // Shake and vibration-resistant

The DC-DC converter of the PV series easily converts a 24 V on-board power supply voltage into a steady 12 V on-board power supply voltage. They are characterised by their compact dimensions, low weight and high efficiency.

The DC-DC converter is attached with a practical mounting clip, which makes installation easy and minimises installation time. A green LED indicates the operating status of the DC-DC converter.

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Technical Information

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|-------------------------------------|--------------------------------|
| Galvanically isolated | No* |
| Input voltage (DC) | 24 V* |
| Number of outputs | 1* |
| Output voltage (DC) | 12 V* |
| Power | 216 W* |
| Bias current | < 15 mA |
| Connector | 6.3 mm flat push-on connection |
| Input voltage range | 17 ... 32 V |
| International Protection (IP class) | IP53 |
| Level of efficiency | > 90 % |
| Operating temperature | -25 °C ... +30 °C |
| Output current | 18 A |
| Dimensions (L x W x H) | 50 x 167 x 87 mm |
| Weight | 0.62 kg |

*In the chosen option