



## DC-DC Converter PV18i 24-12 V/18 A

DC-DC converter, galvanically insulated, 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
- // Galvanically insulated

The galvanically insulated 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. The devices in the PV series 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.

## Product information sheet

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## Technical Information

|                                     |                                |
|-------------------------------------|--------------------------------|
| Galvanically isolated               | Yes*                           |
| 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                 | > 85 %                         |
| Operating temperature               | -25 °C ... +30 °C              |
| Output current                      | 18 A                           |
| Dimensions (L x W x H)              | 50 x 217 x 98 mm               |
| Weight                              | 0.835 kg                       |

\*In the chosen option