

Product information sheet

Product number: 0431224168

Date: 17.04.2026

Page: 1/2



DC-DC Converter DD12-24 168 12-24V/7A

Alfatronix DC-DC Converter DD12-24 168 12-24V/7A. 12 VDC input voltage to 27,2 VDC / 7 A (continuous), 8.4 A (2 min).

- // High efficiency
- // Shock and vibration resistant

DC-DC Converter in compact switched-mode technology with IP53 protection. The DD12-24 168 12-24V/7A is shock and vibration resistant and provides a stable output voltage of 27,2 VDC with up to 7 A (continuous), 8.4 A (2 min) at an input voltage of 12 VDC. It is characterised by a high efficiency of >93% and can be operated in a temperature range of -25 ... +80°C. The connection is made via a 6.3 mm flat plug connection.

Product information sheet

Product number: 0431224168

Date: 17.04.2026

Page: 2/2



Technical Information

Galvanically isolated	No*
Input voltage (DC)	12 V*
Output current	7 A*
Output voltage	27,2 V*
Connector	6.3 mm flat push-on connection
International Protection (IP class)	IP53
Level of efficiency	> 93 %
Operating temperature	-25 °C ... +80 °C
Dimensions (L x W x H)	169 x 90 x 53 mm
Weight	0.67 kg

*In the chosen option