

ADC02.H (DIN rail, 24V(48V)/150V, 100W)

DC/DC CONVERTERS

- 📍 Nominal input voltage 24V(48V) DC
- 📍 Output voltage 150V / 100W output power
- 📍 Galvanically isolated output 1.5kV
- 📍 High efficiency, up to 90%
- 📍 Doubled output terminals + PE
- 📍 Mounting type: DIN rail



DC/DC converters type ADC02.H with 24V (48V) DC input voltage are designed to supply devices with input voltage 100-230V~50/60Hz up to 100W without needs a DC/AC inverter. For this purpose, a part of the delivery is a special cable for supplying of this device. Output is galvanically isolated from the input. The LED on the front panel indicates the presence of the output voltage.

Model specification:

- ADC02.H ZZ_XXYY - H = designed for DIN rail mounting, ZZ = nominal input voltage, XX = nominal output voltage, YYY = max. output current

The installation position is on a horizontal DIN rail, venting slits are above and below. The input connection is through a removable plug at the bottom of the converter, the output voltage connection is on the top of the converter. Output terminals are with a drafted PE (protective earth) terminal. The converter allows cable connecting with a conductor cross section up to 2.5mm². Using the part no. IP.0000.000.04 mounting kit, it is possible to install the ADC01.H into 19" frames.



MODEL SPECIFICATIONS	ADC02.H 24_150006 24V/150V(0.6A)	ADC02.H 48_150006 48V/150V(0.6A)
Input voltage	24V(18 - 35V)	48V(40-60V)
Output voltage	150V(0.6A)	150V(0.6A)
Output power	100W	100W
Efficiency	90%	92%
Insulation strength	min. 1500V	min. 1500V
Operating temperature	-25 - +60°C	-25 - +50°C
Output voltage stability	3%	3%
Local signalization	LED	LED
Remote signalization	-	-
Air flow	Convection	Convection
Short circuit protection	Yes	Yes
Overtemperature protection	85°C	85°C
Undervoltage protection	Yes	Yes
Mounting type	DIN rail	DIN, 19"
Dimensions W x H x D (mm)	71 x 90 x 68 mm	71 x 90 x 68 mm
Weight	0.2kg	0.2kg
Degree of protection	IP20	IP20
Part No.	IP.1431.633.201	IP.1431.633.204