

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

## DC/DC CONVERTERS

- Nominal input voltage 24V(48V) DC
- Output voltage 24V(150V) / 100W output power
- Galvanically isolated output
- High efficiency, up to 92%
- Doubled output terminals
- Mounting type: DIN rail



DC/DC converters type ADC01.H convert 48V DC input voltage to 24V DC output voltage. ADC02.H type converters with 24V(48V) DC input voltage are designed for 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, output terminals are doubled. The LED on the front panel indicates the presence of the output voltage.

Model specification:

- ADC01.H ZZ\_XXYY - H = designed for DIN rail mounting, ZZ = nominal input voltage, XX = nominal output voltage, YY = max. output current
- ADC02.H ZZ\_XXYY - H = designed for DIN rail mounting, ZZ = nominal input voltage, XX = nominal output voltage, YYY = max. output current

The model is designed for DIN rail mounting. 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 doubled and with a drafted PE (protective earth) terminal. The converter allows cable connecting with a conductor cross section up to 2.5mm<sup>2</sup>. Using a kit - Part. No. IP0000.000.04 is possible to mount the device into 19"racks.

MODEL SPECIFICATIONS	ADC01.H 48_2404 48V/24V(4A)	ADC02.H 24_150006 24V/150V(0.6A)	ADC02.H 48_150006 48V/150V(0.6A)
Input voltage	48V(35 – 72V)	24V(18 - 35V)	48V(40-60V)
Output voltage	24V(4A)	150V(0.6A)	150V(0.6A)
Output power	100W	100W	100W
Efficiency	92%	90%	92%
Insulation strength	min. 1500V	min. 1500V	min. 1500V
Operating temperature	-25 - +60°C	-25 - +60°C	-25 - +50°C
Output voltage stability	1%	3%	3%
Local signaling	LED	LED	LED
Remote signaling	-	-	-
Air flow	Convection	Convection	Convection
Short circuit protection	Yes	Yes	Yes
Overtemperature protection	85°C	85°C	85°C
Undervoltage protection	Yes	Yes	Yes
Mounting type	DIN rail	DIN rail	DIN, 19"
Dimensions W x H x D (mm)	71 x 90 x 68 mm	71 x 90 x 68 mm	71 x 90 x 68 mm
Weight	0.2kg	0.2kg	0.2kg
Degree of protection	IP20	IP20	IP20
Part No.	IP.1431.633.200	IP.1431.633.201	IP.1431.633.204