



**Product:** <u>PC150/36V/48V-IP67</u> ☑

DC/DC converter with 48 V power output

## **Product Description**

DC/DC converter with 48 V power output

# **Technical Specifications**

## **Product description**

Туре:	PC150/36V/48V-IP67
Description:	DC/DC converter with 48 V power output
Part Number:	943968001

## **More Interfaces**

Voltage input:	1.1 m cable
Voltage output:	0.5 m cable with M12-connector A-Coded

## **Power requirements**

Current consumption:	max. 8.929 A at 16.8 VDC max. 2.344 A at 64 VDC
Input voltage:	16.8 VDC to 64 VDC
Operating Voltage:	16.8 VDC to 64 VDC
Output current:	max. 3.125 A at 48 V DC
Activation Current:	14 A

## **Power Output**

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utput voltage:	
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## **Ambient conditions**

Operating temperature:	-40-+70 °C
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

## **Mechanical construction**

Dimensions (WxHxD):	240 mm x 65 mm x 115 mm
Weight:	3.1 kg
Mounting:	Wall mounting
Protection class:	IP67

## **Mechanical stability**

IEC 60068-2-6 vibration:	Operating: 5 Hz 150 Hz, broadband noise vertical: 1,0 m/s² (rms) horizontal: 0,7 m/s² (rms), not operating: 5 Hz 150 Hz, broadband noise vertical: 7,9 m/s² (rms) horizontal: 5,5 m/s² (rms)
IEC 60068-2-27 shock:	15 g, 11 ms duration

## **EMC** interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	± 6 kV contact discharge; ± 8 kV air discharge
EN 61000-4-3 electromagnetic field:	20 V/m (80 MHz 2700 MHz)

EN 61000-4-4 fast transients (burst):	4 kV power line
EN 61000-4-5 surge voltage:	power lines: 2 kV (line/earth), 1 kV (line/line)
EN 61000-4-6 Conducted Immunity:	10 V (150 kHz 80 MHz)

#### **EMC** emitted immunity

EN 55032:	EN 55032 Class A
FCC CFR47 Part 15:	FCC 47CFR Part 15, Class A

#### **Approvals**

Basis Standard:	CE, EN50155, EN61131-2
Safety of information technology equipment:	cUL 60950-1 (pending)
Railway norm:	EN 50121-4, EN 50155
Transportation:	EN 50121-4, EN 50155, EN 45545-2 HL2

### Reliability

Guarantee:	24 months (please refer to the terms of guarantee for detailed information)

### Scope of delivery and accessories

Scope of delivery:	DC/DC converter, installation guide and manual

### **Further Instructions**

Product Documentation:	https://www.doc.hirschmann.com
Certificates:	https://www.doc.hirschmann.com/certificates.html

## History

Update and Revision:	Revision Number: 0.104 Revision Date: 04-17-2024
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#### Variants

Item #	Туре
943968001	PC150/36V/48V-IP67, IP67 Netzteil

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