

# DCPS 1k5-48V DC power supply

## Description

DCPS 1k5-48V is a highly reliable industrial-type switching DC Power Supply. Owing to the applied modern electronic elements DCPS 1k5-48V is characterized by high efficiency and high allowable operating ambient temperature – up to 70 °C at which it can operate continuously at full power of 1.5 kW. DCPS 1k5-48V is optimal for supplying MMB-TEC-900 thermoelectric coolers.

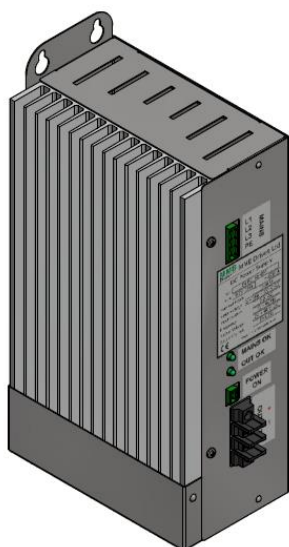


Fig. 1. DCPS 1k5-48V DC Power Supply

## Main features

- Power up to 1.5 kW, highly reliable
- Full power at complete range input voltages 3x380 ... 3x550 V<sub>RMS</sub>
- Full power at faulty phase, voltage dips and voltage sags
- Output current limit and auto-recovery short circuit protection
- Remote control on/off
- Operation in ambient temperature up to 70 °C
- Efficiency > 94%

## Technical specification

Nominal power	1.5 kW
Input voltage	3 x 380 ... 3 x 550 V <sub>RMS</sub>
Input current	6 A
Input frequency	50 ... 60 Hz
Controlled output voltage	+ 24 ... 48 V DC
Cooling	Fan cooled

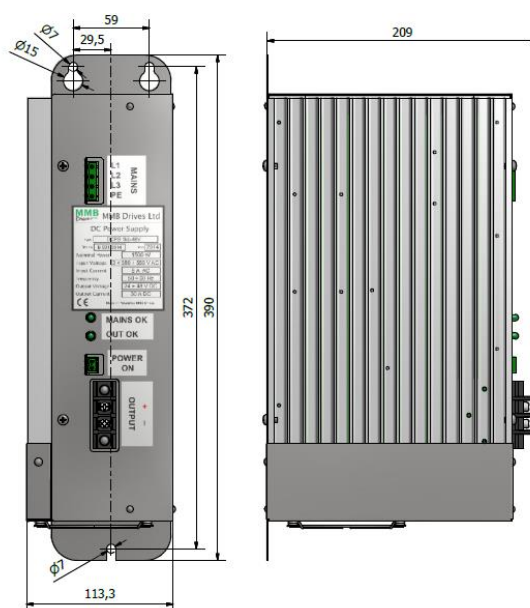


Fig. 2. DCPS 1k5-48V dimensions in [mm]