

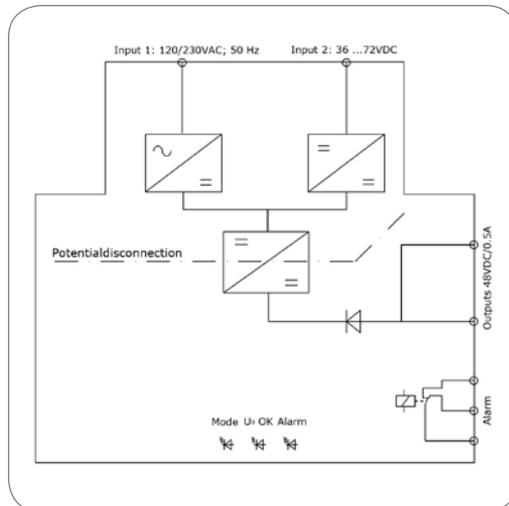
ADX DC Power Supply Unit



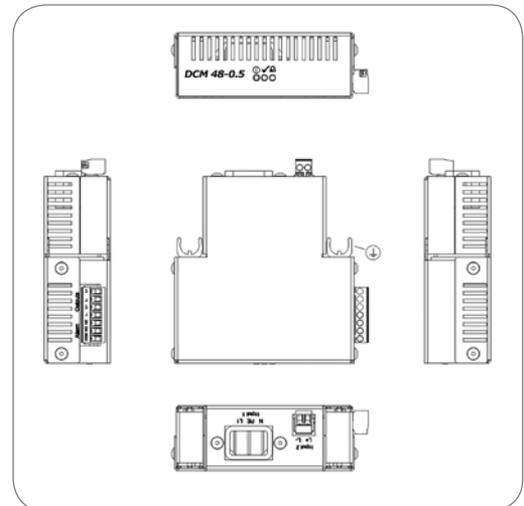
48 Volt power supply
unit for installation
in PROFIL system

AC power supply: 120/230 VAC,
50 Hz DC power supply: 36 – 72 VAC
Output: 48 VDC, 0.5 Amps, 24 Watts

Block Diagram



Housing / Ports



SPEC SHEET



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Ordering Information

Description	Catalogue Number
ADX DC 48V power supply, mounts on profil rod frame	ADX-7077 2 015-00

Specifications

INPUT VOLTAGES

Input 1: 88–275 VAC
Input 2: 36-72 VDC

Input frequency: 50Hz
Output voltage: 48 VDC \pm 1%
Output current: 0.5 Amps
Ripple content: <1%
Audible noise: <1.8 mV_{eff}
Power failure bridging: \geq 100ms

Outputs: Two parallel outputs
Isolation: Potential separation primary-secondary side;
decoupling diode in the DC output circuit;
earth connection L+ (output) to the housing
Operating indicators: 3 LEDs; in operation (green), output voltage OK (green), alarm (red)
Signaling: Potential-free signal relay; changeover contact;
maximum contact load 60 V/0.5 A

Ambient temperature: During operation: 0° to 40°C
Storage: -20° to +70°C

Cooling: Convection
Environmental conditions: In accordance with IEC 721-3-3 Class 3K3/3Z1/3B1/3C2/3S2/3M2
EMC standards: EN55011 Class B; EN61000-4-2/-5
Safety standards: EN60950; VDE0100

Housing: Special housing, 0.75mm sheet steel
Color: Putty white, powdek coated (RAL 7035)
Weight: approximately 0.8kg

Contact:
Input 1: Plug connector (L1, N, PE)
Input 2: Type of connector MSTB-A2.5/2-G 2-pole (L+, L-)
Output 1,2, signaling: Type of connector MSTB

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Web Site: www.adc.com

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