

REOTRON SMP-CP & CP/M 48-10 & 48-20

for use in cathodic corrosion protection applications



Unique Selling Point

- Plug-in version
- Integral meters with version SMP-CP/M
- Very compact design with high-frequency technology
- Easy installation and replacement
- Integrated PFC filter
- High efficiency
- Adjustable on the local display, with analog interface and optional via FieldBus
- Easy combination with remote control technology in SCADA systems
- Auto restart after power failure
- Galvanic isolation
- Current, voltage or power control
- Parallel and series connection possible to increase power
- Display of error messages on the display
- All connections made via pluggable terminals
- Several mechanical options

Description

The DC power supplies REOTRON of the series SMP-CP are primary switched power supplies with galvanically isolated variable output. The devices can be used as a voltage or current regulator or both combined.

For monitoring of the protection values of the corrosion protection application and also the status of the power supply, the actual values of output current and output voltage are provided in form of a 4...20 mA signal and the units status is given in form of a digital signal. This allows easy remote monitoring or metering of the cp application.

The REOTRON SMP-CP can be controlled from a true zero of voltage or current (very important for corrosion protection applications) up to the maximum rated values using a wide variety of control options, for example, the user can avail the integral keypad, fit external potentiometers or use analog control signals (0 - 10 VDC, 0 – 20 mA) or a variety of industrial fieldbus interfaces (Profibus, CAN, DeviceNet or EtherCat, EtherNet/IP, ProfiNet).

Technical Data

- Output voltage : 0...48 V
- Output Current : 0...10 A / 0...20 A
- Output power : 580 W / 768W / 960 W
- Input voltage auto detect : 110 / 230 V

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Technical Data

Type	REOTRON SMP-CP 48-10 & CP/M 48-10		REOTRON SMP-CP 48-20 & CP/M 48-20	
	Input voltage:	110 V AC, +/- 10% 230 V AC, +/- 10%	110 V AC, +/- 10%	230 V AC, +/- 10%
Input frequency	50/60 Hz			
Setpoint Input:	0...+10 V, DC, 0(4)...20 mA, Potentiometer 10 kOhm			
Ripple & Noise	+/- 200 mVp-p			
Output voltage:	0...48 V			
Output current range:	0...10 A	0...20 A		
Unit output power:	580 W	768 W *PR	960 W	
Interfaces (optional)	DeviceNet, ProfiBus, CanBus, EtherCAT, EtherNet/IP, ProfiNet			
Status signal:	Relay, change over contact 1 A, 250 VAC 1 A, 60 VDC			
Power factor:	0.95			
Efficiency (Typ)	>85 %			
Protection:	Cabinet installation IP 20			
Operating temperature:	-10...+45 °C			
Standards:	EN 50178, EN 61000-6-2, EN 61000-6-4			

*Power Ranging

Your contact:

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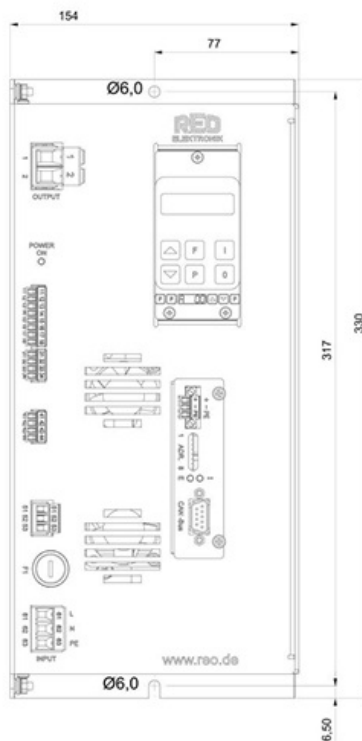
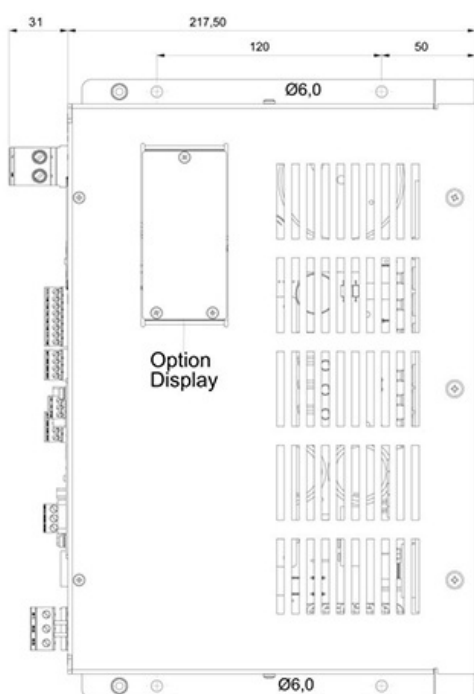


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Dimension drawing

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