

Programmable Control Unit pe280

For manual and automatic control of the DC power supplies type POWER STATION

pe3000 (Built-in units)

pe5000/5100/7010 (Cabinet installation)

pe3010/3020/3030 (Wall mount units)

pe4003/4004/4006/4008 Serie, (19" Racks)

pe1020/1050/2050 (Desktop units)

pe4303 Series, (19" Rack as desktop units)

Control unit with multifunction display



Control unit pe280, front view

Characteristic values

Designed for electroplating applications

Large 3-line LCD-display, polycarbonate-keypad for easy operation

Illuminated display

Current and voltage infinitely adjustable by UP / DOWN buttons

Current and voltage preset

Ampere-hour counter (totalizer)

Software update via PC by RS232 Flashsystem

Ambient temperature max. 40°C

Protection grade: IP54

Polycarbonate (ABS) casing, polycarbonate coated aluminium front panel

Language: English, French, Polish, Spanish, German

Data-cable: length 5m (other size in 5m steps, on request)

For DC power supply interface: analog, peRB interface

Weight: approx. 1000g

Dimensions (B x H x T): 240 x 170 (cable bushing included) x 85mm

Supply: 24V DC internally from the DC power supply, or 115V / 230V AC

Display resolution

Voltage: 1mV - 10mV - 100mV - 1V

Current: 1mA - 10mA - 100mA - 1A

(depending from the type of the device)

Optional available functions

Preset counter, dosage counter *

Ramp function (start / Stop ramp)

Timer function for ON / OFF *

Voltage / current alarm *

Operating hours counter

Chopper timer (pulse-capable rectifier type requested)

Pole changer function (mechanical / electronic) *

Programmable DC steps (14 individual steps) *

Extern ON

* Indication / alarm output

Control via: RS485, PROFIBUS, TCP/IP (other on request)

EMV: EN50011 class A, group B ; EN61000-6-4 and EN61000-6-2;
CE-conformity low voltage guide line: EN50178

Technical equipment, design and features: subject to change! For further information please contact plating electronic GmbH.