CONTROL UNIT
Programmable Control Unit pe8005

Control unit with graphic 5.7" display

For manual or auto control (Bus control) of PULSE-REVERSE POWER SUPPLIES of the series pe80CD... /86C... /861...

Characteristic values
- Designed for the use in plating environment
- Large illuminated 5.7" graphic display
- 5 x 4 keypad for easy handling and navigation
- Clear and user friendly menu navigation via well structured pull down menus
- Easy generation of complex waveforms, consisting of up to 16 steps (2 current and/or voltage values per step)
- Ability to control up to 16 Pulse Reverse Power Supplies
- Synchronization of pulse outputs can be configured
- All parameters are adjustable during running process
- MMC/SD card reader for software update, import / export of device configuration, set points and bus-logging data
- Ah-totalizer, dosage counter, timer
- Start and stop ramps (in automatic mode only)
- Batch function (in automatic mode only)
- RS485 interface to control the unit via specified pe protocol
- 2 programmable output relays
- Ambient temperature max. 40°C
- Protection grade IP54
- Polycarbonate (ABS) casing, polycarbonate-coated aluminium front panel
- Menu languages: English, German
- Weight: 3200g
- Dimensions (W x H x D): 325 x 240 x 90mm
- Mains supply: 115V, 230V AC or 24V DC

Display
- Clear listing of the actual values of all pulse outputs
- Scope function for set points and actual values
- Display of status, warning and error messages
- Temperature indication

Optional available functions
- PROFIBUS interface
- TCP/IP interface:
  - Integrated web server (status, set points, actual values)
  - remote control via website (Java required)
- RS485 Modbus

EMV: EN55011 class A, group 1 ; EN61000-6-4 and EN61000-6-2;
CE-conformity /EN50178 - low voltage guide line

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

- Pull down menu “Settings”
- Set point programming with graphic diagram for easy handling
- Actual output value (scope function)
- The actual parameters of all PULSE-REVERSE Power Supplies are listed in the operating screen

With the optional available ETHERNET interface it is possible to control the control unit by a Java applet. The integrated web server provides the actual status, the set points and the actual values for all PULSE-REVERSE Power Supplies. This function has been especially designed for remote service and remote diagnostics.

The two free programmable relays can be used for warning, status and error messages and also for dosage impulse.