

OPFS

Double Engine Controller

<http://www.optel.pl/manual/english/xxx.htm>

OPFS is designed for control two motors:
stepper motor and DC motor.



Specifications:

Power supply:

-Supply Voltage: 230V/1A

Size (LxWxD):

340x295x140 [mm]
13.4x11.6x5.5 [inch]

communication:

-USB

1.0 ..

outputs:

-out for stepper motor controller DB9 male art

-out for measuring head with DC motor, encoder and limit switch DB9 female art

- 1 trigger BNC

emergency switch

Features:

Stepper motor power supply 35V, 2.5A/phase

Motor type 2-Phase

Step number Max 16777215

Frequency Max 65535 Hz

Power supply of DC motor 10 – 24V, max 6A

rotational speed control yes

Short circuit protection yes

Support for encoder at DC axis division max 254

Emergency Switch

General Description:

Output "out1" supports stepping motor, output "out2" - DC motor. Trigger signal can be produced by stepper motor channel as well as DC motor channel. Both of channels are limit switches sensitive. Control by simply orders is providing by USB connector with PC.

Customize:

Optionally, it is possible to make hardware versions for the special needs of the user.