

# OPFS

## Double Engine Controller

<http://www.optel.pl/manual/english/opfs.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 1.1, 2.0 full speed

#### 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.