

## AC Power Supplies

« DIAMETRAL



### AC250KxD Series

AC laboratory power supply with voltage range from 0 to 255V and maximum output current 1A (2A). Display for the real and pre-set voltage value. Controlled by the inbuilt software. Output Voltage has the sine form continuance. Regulated version has the output voltage stability of 1-9V according to the actual configuration.

Part No.	Ord.No.	Description
S AC250K1D	7999	0-255V/1A black
S AC250K1D-S	48331	0-255V/1A black, stabilized
O AC250K2D	62426	0-255V/2A black
O AC250K2D-S	54422	0-255V/2A black, stabilized

Technical Parameters	OT230.012	OT230.021	OT230.030	OT230.050	OT230.100
Supply Voltage	230V/50Hz	230V/5 Hz	230V/50 Hz	230V/50 Hz	230V/50 Hz
Output Voltage	230V	230V	230V	230V	230V
Max. Output Current	1,2A	2,1A	3,0A	5,0A	10,0A
Output Safety Fuse	T 250V/1,25A	T250V/2,5A	T250V/3,15A	T250V/6,3A	B10A circuit-breaker
Operating Temperature	10 ÷ 30°C	10 ÷ 30°C	10 ÷ 30°C	10 ÷ 30°C	10 ÷ 30°C
Cable Length	2m	2m	2m	2m	2m

## Disjunctive Transformers

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### OT230 Series

Disjunctive transformer for separating the mains voltage from connected appliance with maximum current consumption according to type of disjunctive transformer.

Part No.	Ord.No.	Description
S OT230.012	48303	230V/230V/1,2A
O OT230.021	59840	230V/230V/2,1A
O OT230.030	54856	230V/230V/3A
O OT230.050	72072	230V/230V/5A
O OT230.100	71521	230V/230V/10A

## Autotransformers



### RA1F250.031 « DIAMETRAL

Autotransformer RA1F250.031 is equipped with one regulated AC voltage power supply, galvanically separated from supply network.

**Input Voltage:** 230V/50Hz  
**Output Voltage:** <5 - 230 V  
**Output Current:** max. 3,1A  
**Output Fuse:** yes  
**Weight:** 8,4kg

Part No.	Ord.No.
S RA1F250.031	70519



### RA1F250.200 « DIAMETRAL

Autotransformer RA1F250.200 is equipped with one regulated AC voltage power supply, galvanically separated from supply network.

**Input Voltage:** 230V/50Hz  
**Output Voltage:** <5 - 230 V  
**Output Current:** max. 20A  
**Output Fuse:** yes  
**Weight:** 22,2kg

Part No.	Ord.No.
O RA1F250.200	70522



### RA1F250.100 « DIAMETRAL

Autotransformer RA1F250.100 is equipped with one regulated AC voltage power supply, galvanically separated from supply network.

**Input Voltage:** 230V/50Hz  
**Output Voltage:** <5 - 230 V  
**Output Current:** max. 10A  
**Output Fuse:** yes  
**Weight:** 14,8kg

Part No.	Ord.No.
O RA1F250.100	70520



### RZ3F400.060 « DIAMETRAL

3-phase separated autotransformer RZ3F400.060 is equipped with one regulated AC voltage power supply, galvanically separated from supply network.

**Input Voltage:** 3x 400V / 50Hz  
**Output Voltage:** <5 - 400 V  
**Output Current:** max. 6A  
**Output Fuse:** circuit-breaker B3x 6A  
**Weight:** 88kg

Part No.	Ord.No.
O RZ3F400.060	71523

Technical Parameters	RA1F250.031	RA1F250.100	RA1F250.200
Supply Voltage	230V / 50Hz	230V / 50Hz	230V / 50Hz
Output Voltage	< 5 ÷ 230V	< 5 ÷ 230V	< 5 ÷ 230V
Output Current	3,1A	10A	20A
Supply Network Fuse/circuit breaker	fuse T 250V/4A	fuse T250V/12,5A	circuit breaker B25A
Output Fuse/circuit breaker	fuse T250V/3,15A	circuit breaker B10A	circuit breaker B20A
Category of Measuring Devices	analog	analog	analog
Number of Measuring Devices	2	2	2
Category of Measuring Devices Accuracy	1,5	1,5	1,5
Operating Temperature	10 ÷ 30°C	10 ÷ 30°C	10 ÷ 30°C
Cable Length	2m separable	2m separable	2m fixed
Weight	cca 8,4kg	cca 14,8kg	cca 22,2kg