



## DIRECT CURRENT MACHINES

### DIRECT CURRENT MOTOR COMPOUND EXCITATION



#### DL 1023

It can be also used as a generator.

#### Technical features:

- Power: 1.1 kW
- Voltage: 220 V
- Speed: 3600 rpm
- Excitation: 180 V / 0.27 A

#### Accessories:

DL 1017RHD STARTING RHEOSTAT  
DL 1017RHE EXCITATION RHEOSTAT

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### DIRECT CURRENT MOTOR SERIES EXCITATION



#### DL 1023S

It can be also used as a generator.

#### Technical features:

- Power: 1.1 kW
- Voltage: 220 V
- Speed: 2800 rpm

#### Accessories:

DL 1017RHD STARTING RHEOSTAT  
DL 1017RHES EXCITATION RHEOSTAT

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### DIRECT CURRENT MOTOR SHUNT EXCITATION



#### DL 1023P

It can be also used as a generator.

#### Technical features:

- Power: 1.1 kW
- Voltage: 220 V
- Speed: 3000 rpm
- Excitation: 190 V / 0.28 A

#### Accessories:

DL 1017RHD STARTING RHEOSTAT  
DL 1017RHE EXCITATION RHEOSTAT