



Ningbo Realpower Magnetic Industry Co.,Ltd.

CONTROL UNIT

Description

For electro-permanent magnetic chucks this control unit is supplying the current impulse for switching the chuck on and off.

The integrated, microprocessor controlled, pole reversing function demagnetizes the magnetic system and also eliminates the remanence magnetism in the workpiece. Due to this the workpieces can easily be released from the chuck, any chips are easy to remove, and, even more important, separate demagnetization of the workpiece is no longer required.

When control unit and magnetic chuck are ordered as a set, it will be programmed with the most optimum settings in time and function.

The control unit continuously monitors the main supply voltage / current, its outputs, all connecting cables and magnet coils.

Technical data

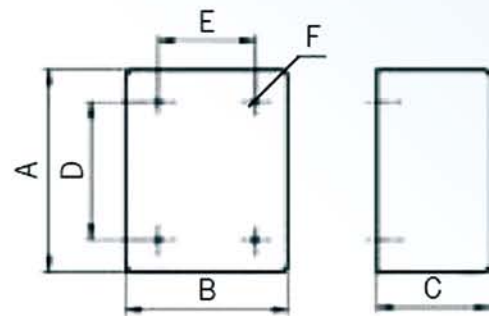
Maximum ambient temperature: 45 °C

Input voltage: 230 / 400 Vac

Frequency: 50 / 60 Hz

Cycle time for electropermanent magnets: > 3 min.

Smaller cycles on request.



(D.E.F on request)

Specifications

Model	voltage out put (DCV)	Magnet current max. in A	voltage in put (ACV)	Max. magnet rating DC in kW	Fuse in A
Control unit A	360	60	400	21.6	45
Control unit B	360	60x2	400	21.6x2	45
Control unit C	360	60x3	400	21.6x3	45
Control unit D	360	60x4	400	21.6x4	45

Model	A	B	C	D	E	F	Weight in kg
Control unit A	300	250	130	-	-	-	5
Control unit B	300	250	130	-	-	-	5
Control unit C	350	300	150	-	-	-	6
Control unit D	350	300	150	-	-	-	6

other size on request