



CHUCK CONTROLLER & FORWARD / BACKWARD FEED CONTROLLER for SURFACE GRINDER

HOLDING ELECTRIC CO., LTD.
www.holding.com.tw





CHUCK CONTROLLER

HOLDING is the leading brand of chuck controller manufacturer in Taiwan. Over the last 40 years, HOLDING chuck controllers have been widely adopted and become a standard accessory of Taiwanese surface grinders and chucks. The controllers are robust, stable and durable. Universal controllers for all types of electromagnetic chucks.

HD-235A (5A/10A)



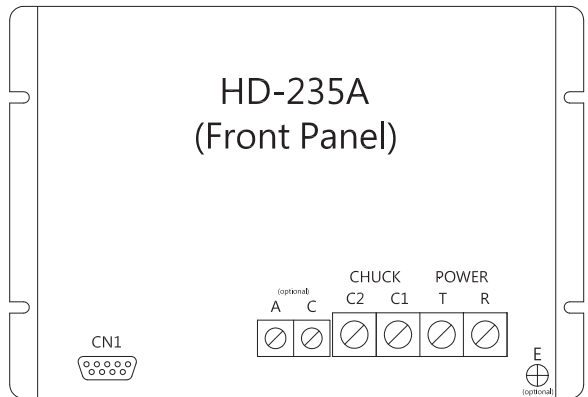
Features

- Interior type
- The current capacity : 5A or 10A
- Demag. Time: 6~15 sec.
- The output charge voltage of the chuck can be adjusted precisely.
- The output charge voltage is indicated with an LED display.
- With HD-AD20-CABLE control cable, easy to install in the distribution box.
- Optional function: CSC (Chuck Safety Control).

General Specs

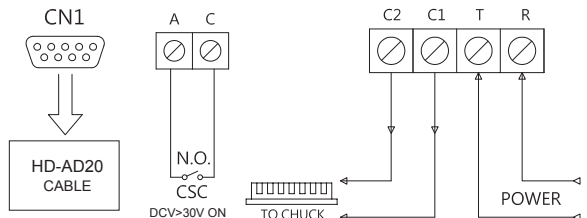
MODEL	HD-235A
TYPE	Interior
CURRENT	5A / 10A
DIMENSION (W x L x H)	205 x 147 x 90 mm
WEIGHT	2 KG

Circuit Diagram



Input / Output Voltage Options

Input	Output
AC 110V (default)	DC 0~90V (default)
AC 100V	DC 0~80V
AC 140V	DC 0~110V



*Please refer to the attachment for detailed circuit wiring methods from CN1 to HD-AD20-cable.



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HD-335A (5A/10A)



Features

- Interior type
- The current capacity : 5A or 10A
- Demag. Time: 6~15 sec.
- The output charge voltage of the chuck can be adjusted precisely.
- The output charge voltage is indicated with an LED display.
- With HD-AD20-CABLE control cable, easy to install in the distribution box.
- Optional function: CSC (Chuck Safety Control).
- Can be produced by OEM.
(Ex.: KENT CC5B = HD-335A)

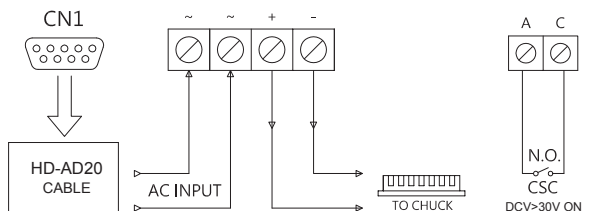
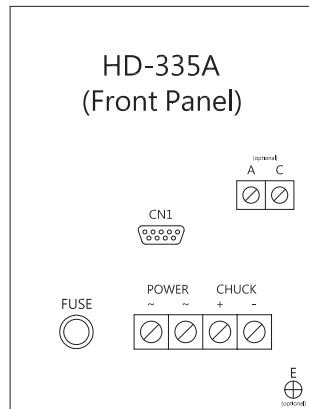


OEM example

General Specs

MODEL	HD-335A
TYPE	Interior
CURRENT	5A / 10A
DIMENSION (W x L x H)	110 x 185 x 137 mm
WEIGHT	2.5 KG

Circuit Diagram

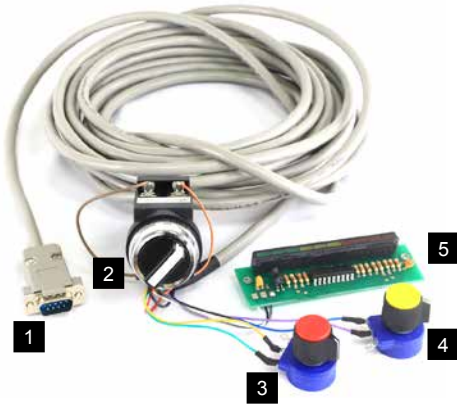


Input / Output Voltage Options

Input	Output
AC 110V (default)	DC 0~90V (default)
AC 100V	DC 0~80V
AC 140V	DC 0~110V

*Please refer to the attachment for detailed circuit wiring methods from CN1 to HD-AD20-cable.

HD-AD20-CABLE



Part descriptions

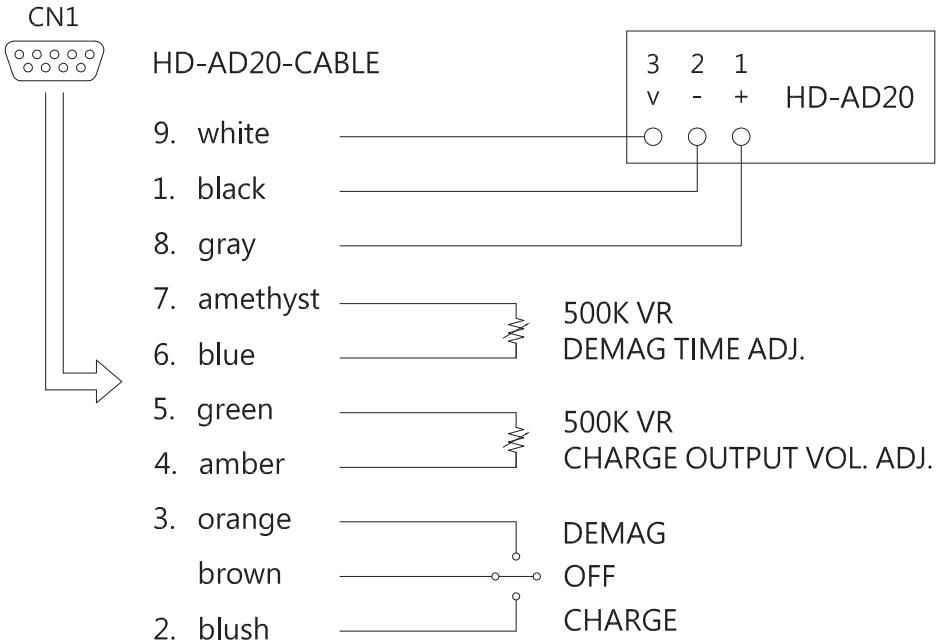
1. Connector : Plug in CN1
2. Charge / Demag. Control :
Choose to charge/ demagnetize the chuck
3. Charge output voltage adjustment:
Adjust the magnetization force
4. Demag. time adjustment :
Adjust the demagnetizing time
5. Charge output voltage indicator:
Display the magnetization force

Specs

MODEL	HD-AD20-CABLE
Cable length	3M

*Length can be customized

Circuit Diagram





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WL-115C (5A/10A)



Features

- Exterior type
- The current capacity : 5A or 10A
- Demag. Time: 6~15 sec.
- The output charge voltage of the chuck can be adjusted precisely.
- The output charge voltage is indicated with an LED display.
- Optional function: CSC (Chuck Safety Control).
- Can be produced by OEM.
(Ex.: KENT CC5A = WL-115C)



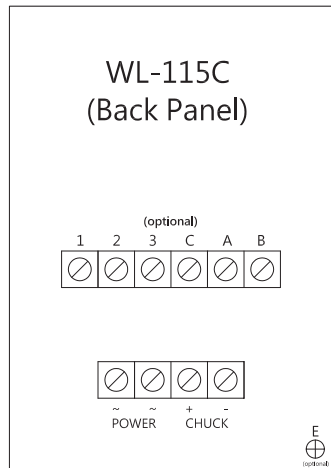
General Specs

MODEL	WL-115C
TYPE	Exterior
CURRENT	5A / 10A
DIMENSION (W x L x H)	138 x 122 x 198 mm
WEIGHT	3 KG

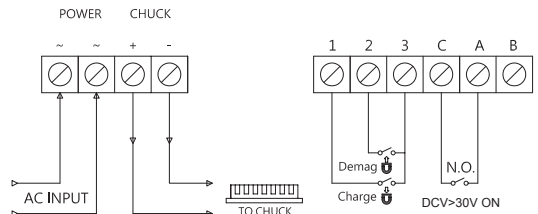
Input / Output Voltage Options

Input	Output
AC 110V (default)	DC 0~90V (default)
AC 100V	DC 0~80V
AC 140V	DC 0~110V
AC 220V	DC 0~90V
AC 200V	DC 0~80V

Circuit Diagram



OEM example





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HD-510A (10A)



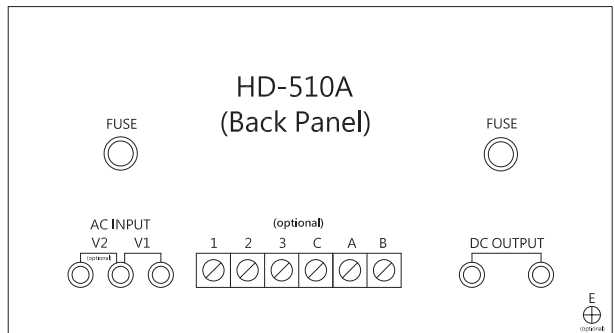
Features

- Exterior type
- The current capacity : 10A
- Demag. Time: 6~15 sec.
- The output charge voltage of the chuck can be adjusted precisely.
- The output charge voltage is indicated with an LED display.
- Optional function: CSC (Chuck Safety Control).
- Optional function: can support two types AC input voltages (Ex: 110/220V)

General Specs

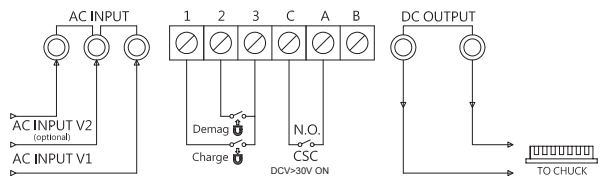
MODEL	HD-510A
TYPE	Exterior
CURRENT	10A
DIMENSION (W x L x H)	260 x 330 x 150 mm
WEIGHT	15 KG

Circuit Diagram



Input / Output Voltage Options

Input	Output
AC 220V (default)	DC 0~90V (default)
AC 220V	DC 0~110V
AC 110V	DC 0~90V
AC 200V	DC 0~90V
AC 380V	
AC 415V	
AC 440V	DC 0~110V





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HD-510A (15A)



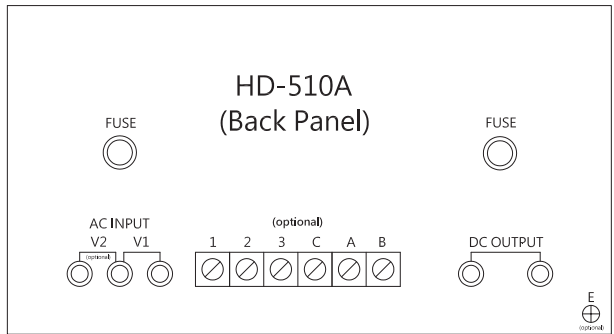
Features

- Exterior type
- The current capacity : 15A
- Demag. Time: 6~15 sec.
- The output charge voltage of the chuck can be adjusted precisely.
- The output charge voltage is indicated with an LED display.
- Optional function: CSC (Chuck Safety Control).
- Optional function: can support two types AC input voltages (Ex: 220V/380V)

General Specs

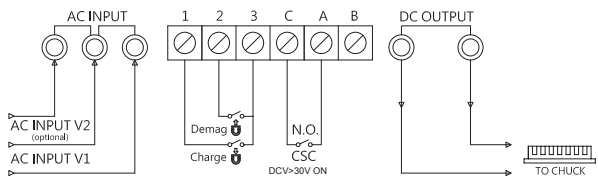
MODEL	HD-510A
TYPE	Exterior
CURRENT	15A
DIMENSION (W x L x H)	260 x 330 x 150 mm
WEIGHT	20 KG

Circuit Diagram



Input / Output Voltage Options

Input	Output
AC 220V (default)	DC 0~90V (default)
AC 220V	DC 0~110V
AC 200V AC 380V AC 415V AC 440V	DC 0~90V
	DC 0~110V





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HD-510A (20A)



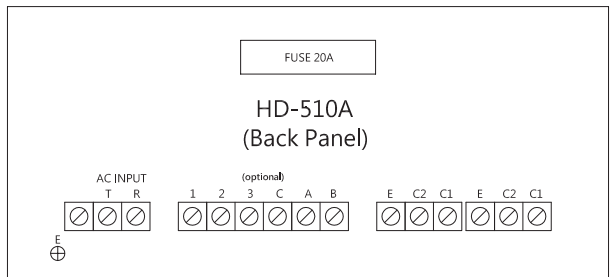
Features

- Exterior type
- The current capacity : 20A
- Demag. Time: 6~15 sec.
- The output charge voltage of the chuck can be adjusted precisely.
- The output charge voltage is indicated with an LED display.
- Optional function: CSC (Chuck Safety Control).
- Optional function: can support two types AC input voltages (Ex: 220V/380V)

General Specs

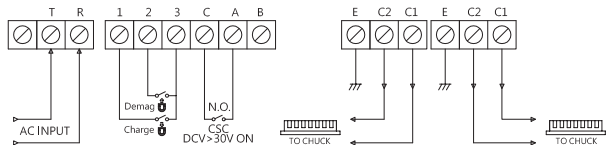
MODEL	HD-510A
TYPE	Exterior
CURRENT	20A
DIMENSION (W x L x H)	295 x 385 x 180 mm
WEIGHT	27 KG

Circuit Diagram



Input / Output Voltage Options

Input	Output
AC 220V (default)	DC 0~90V (default)
AC 220V	DC 0~110V
AC 200V AC 380V AC 415V AC 440V	DC 0~90V
	DC 0~110V



FORWARD / BACKWARD FEED CONTROLLER

SSCU

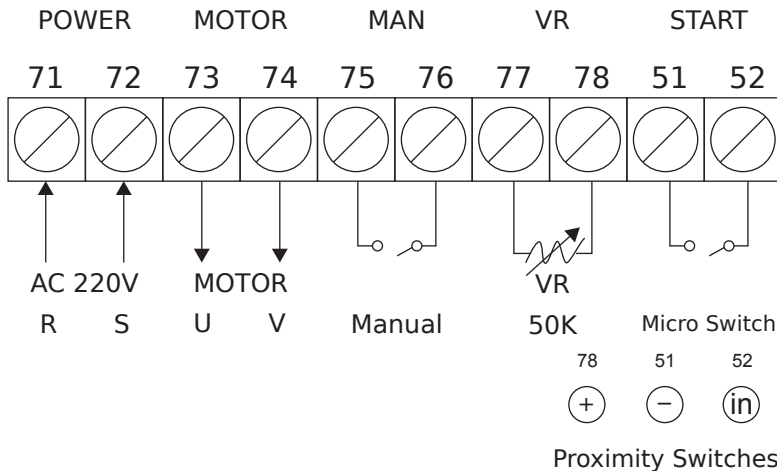
HOLDING is the leading brand of forward / backward feed motor controller manufacturer in Taiwan. Over the last 40 years, HOLDING controllers have become a standard accessory of Taiwanese surface grinders. The controllers are robust, stable and durable.



Features

- Motor controller for surface grinder.
- Controlling the automatic step forward feed of the grinder motor.
- Controlling the manual rapid forward / backward feed of the grinder motor.
- This model can be produced by OEM.

Circuit Diagram



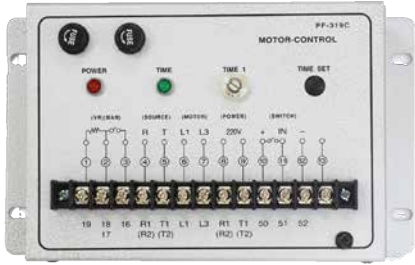
Specs

MODEL	SSCU
INPUT	AC 220V
DIMENSION (W x L x H)	158 x 85 x 100 mm
WEIGHT	1.3 KG

FORWARD / BACKWARD FEED CONTROLLER

PF-319C

HOLDING is the leading brand of forward / backward feed motor controller manufacturer in Taiwan. Over the last 40 years, HOLDING controllers have become a standard accessory of Taiwanese surface grinders. The controllers are robust, stable and durable.



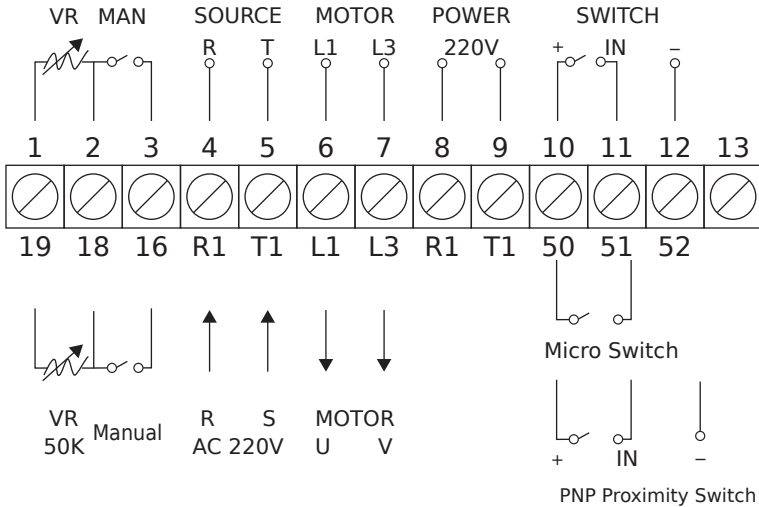
Features

- Motor controller for surface grinder.
- Controlling the automatic step forward feed of the grinder motor.
- Controlling the manual rapid forward / backward feed of the grinder motor.
- This model can be produced by OEM.



OEM example

Circuit Diagram



Specs

MODEL	PF-319C
INPUT	AC 220V
DIMENSION (W x L x H)	220 x 130 x 65 mm
WEIGHT	1.5 KG

FORWARD / BACKWARD FEED CONTROLLER

MCU-2A

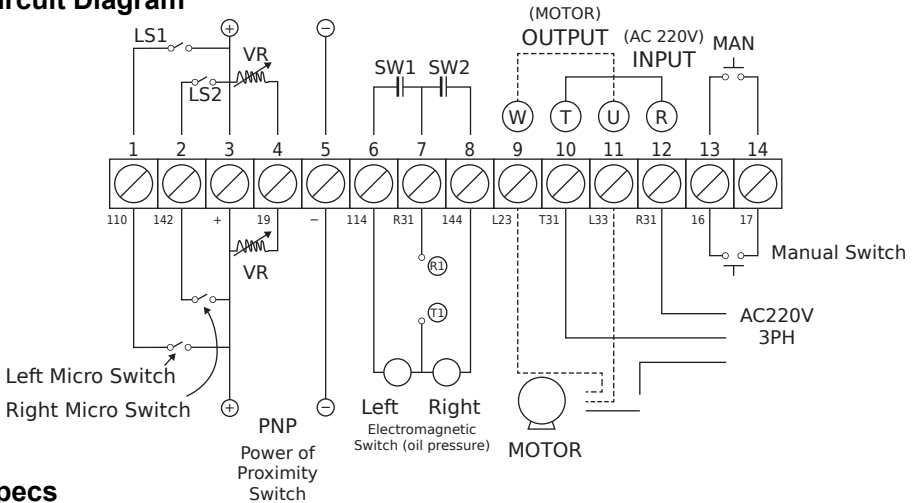
HOLDING is the leading brand of forward / backward feed motor controller manufacturer in Taiwan. Over the last 40 years, HOLDING controllers have become a standard accessory of Taiwanese surface grinders. The controllers are robust, stable and durable.



Features

- Motor controller for surface grinder.
- Controlling the automatic step forward feed of the grinder motor.
- Controlling the manual rapid forward / backward feed of the grinder motor.
- It also controls the oil pressure valve to switch the movement of the motor between left & right.

Circuit Diagram



Specs

MODEL	MCU-2A
INPUT	AC 220V
DIMENSION (W × L × H)	220 × 130 × 65 mm
WEIGHT	1.5 KG

Contact



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