Technical Features

The Universal Receiver by Auto Openers allows you to easily utilize over 30 brands of remote controls from the one unit, via a simple dipswitch selection process. As a dual channel receiver, the Universal Receiver can wire into two different garage door or gate openers at the same time, with over 100 remote controls programmed into the unit at a time.

Remote Coding Method

1 Press and release the SW1 or SW2 button. The green or blue LED coding light will illuminate.
2 Press and hold the desired button on your remote control, until the coding light begins to flash. Let go of the button.
3 Press and hold the same button on your remote control. The coding light will go solid and the receiver will click, signalling the remote control has been programmed into the motor.
4 Test the operation of your new remote control. Each time you press a button on the remote control the receiver will click to show it is receiving the code.

Clearing All Remote Controls

1 Press and hold the SW11 or SW2 button for ten seconds.
2 Release the SW1 or SW2 button. Test that your remote control no longer operates the receiver.

   - Please note, this will clear every remote programmed into the receiver
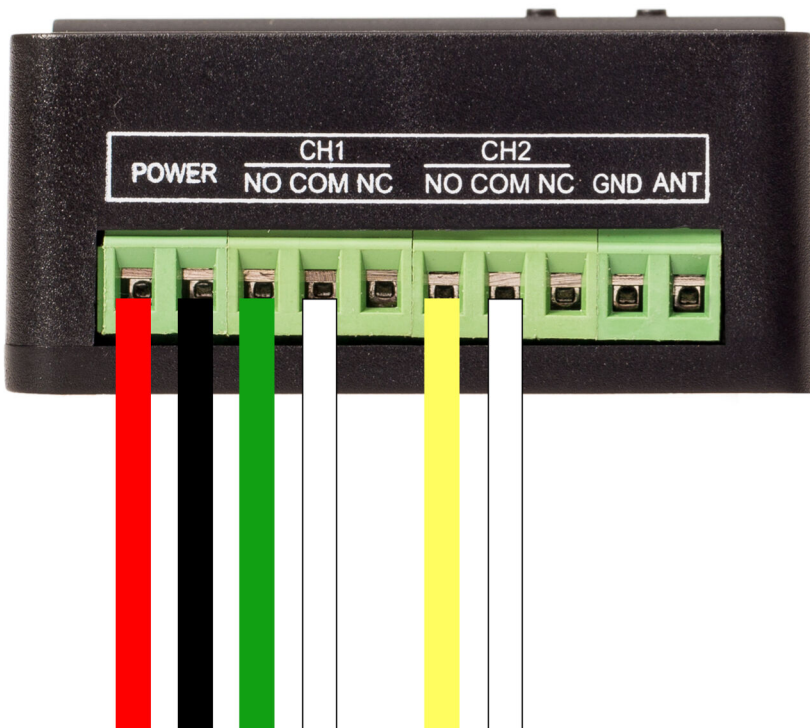
Wiring Key for This Manual

White = Common

Yellow = Channel 2
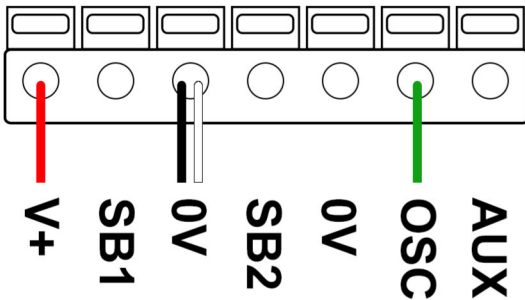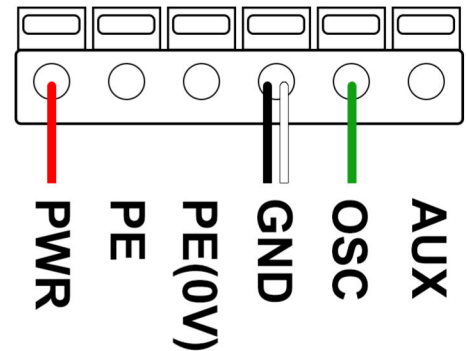
Green = Channel 1

Red = Positive

Black = Negative

Auto Openers — The Garage Door People

ATA GDO-6

Terminal block located on the circuit board, bottom left.

V+ · SB1 · 0V · SB2 · 0V · OSC · AUX

ATA GDO-9v2 / v3

Terminal block located on the circuit board, top left.

PWR · PE · PE(0V) · GND · OSC · AUX

ATA GDO-7

Terminal block located on the rear of the motor, bottom left corner.

COM · OSC · LGT · PE · 0V · 24V
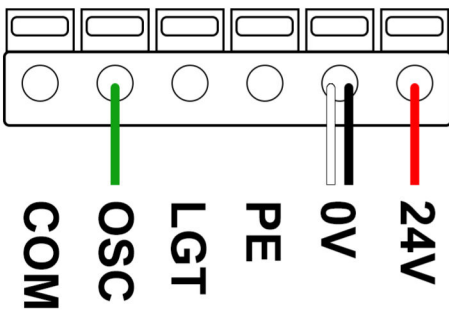
ATA GDO-11 (old labelling)

Terminal block located on the rear of the motor, bottom left corner.

PWR · PE · PE(0V) · GND · OSC · AUX
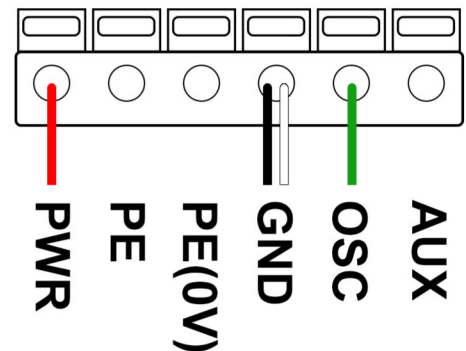
ATA GDO-11 (new labelling)

Terminal block located on the rear of the motor, bottom left corner.

V+ · SB-1 · 0V · SB-2 · 0V · AUX / OSC
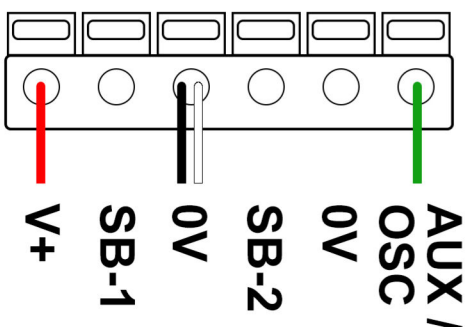
Doormaster / RM600

Terminal block located on the bottom right hand corner of motor

PB GND PE +24V
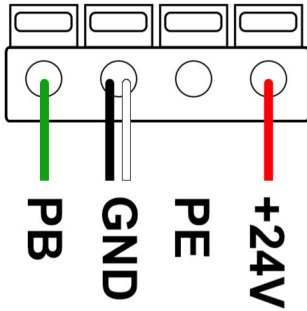
AUTO OPENERS
The Garage Door People

B&D CADPD (RDO-1v1)

Terminal block located on the circuit board, bottom left.

GND | IR BEAM | 30V PWR | OPERATE | CLS OUT | AUX OUT

B&D CADPD (RDO1v4 - Current)

Terminal block located on the circuit board, top left.

V+ | SB1 | 0V | SB2 | OSC | AUX
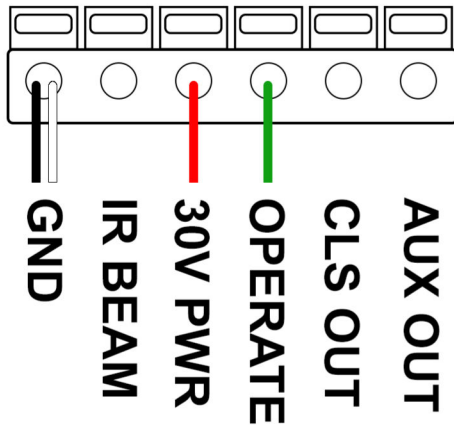
B&D CADS (SDO3v1)

Terminal block located on the rear of the motor, bottom left corner.

PWR | PE | PE(0V) | GND | OSC | AUX
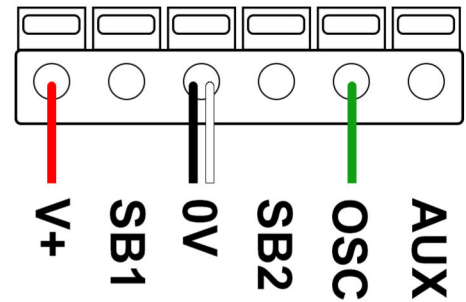
B&D CADS (SDO3v2 - Current)

Terminal block located on the rear of the motor, bottom left corner.

V+ | SB-1 | 0V | SB-2 | 0V | AUX / OSC

B&D CAD Advance (SDO2v2)

Terminal block located on the circuit board, left side.

AUX | OSC | 0V | EB2 | 0V | EB1 | V+
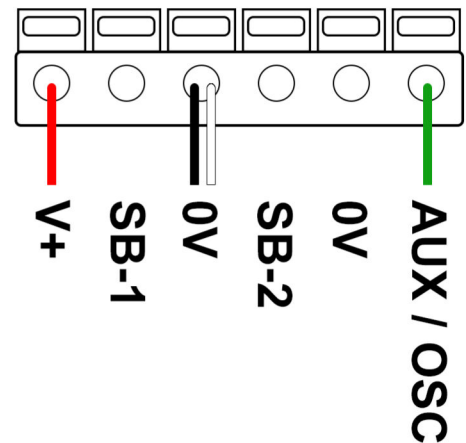
B&D PanelPro (SDO4v1)

Terminal block located on the rear of the motor, bottom left corner.

V+ | SB-1 | 0V | SB-2 | 0V | AUX / OSC

Auto Openers — The Garage Door People
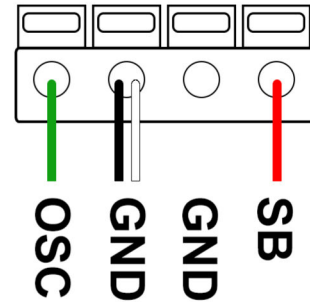
B&D Secure (SDO6)

Terminal block located on the rear of the motor, on the right hand side

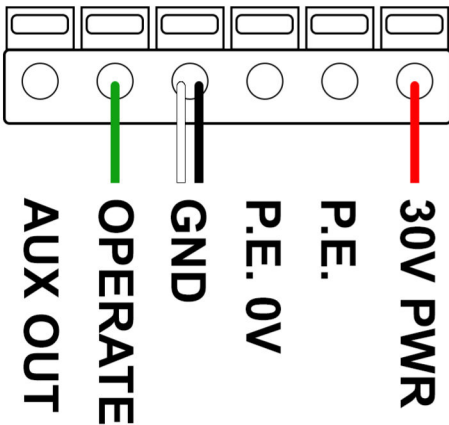OSC GND GND SB
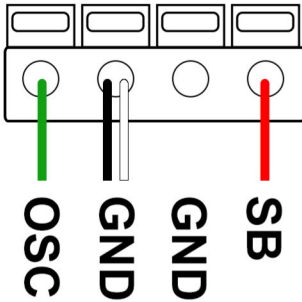
B&D Smart (SDO7)

Terminal block located on the rear of the motor, on the right hand side

OSC GND GND SB

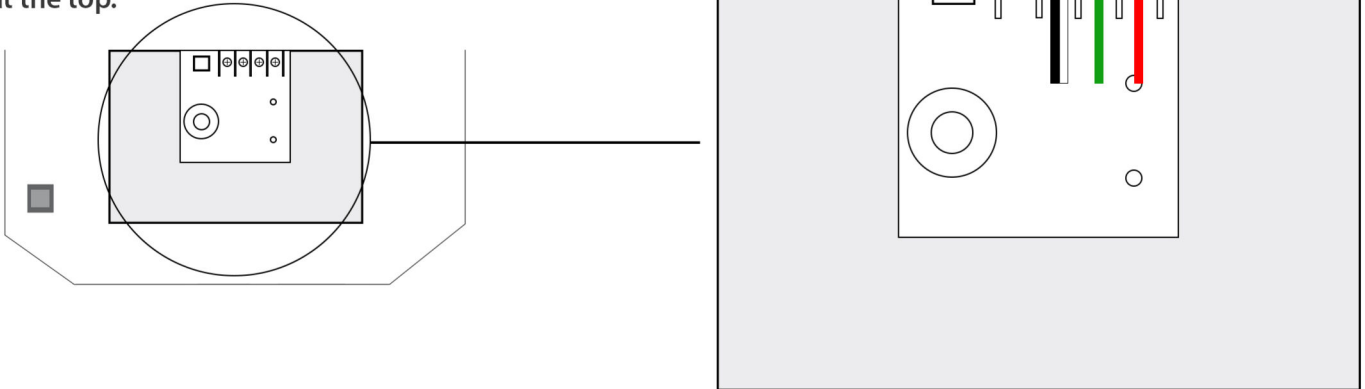## B&D Roll-A-Pro (RDO1v4)

Terminal block located on the circuit board, left hand side

AUX OUT OPERATE GND P.E. 0V P.E. 30V PWR

BOSS / Steel Line BOL4

Terminal blocks located on the rear of the unit, at the top.

ATA DCB05 Gate Control Board

Circuit Board is located in the white box, attached by a cable to the SGO1 motor.

SB2
SB1
0V
AUX
OPN
STP
CLS
OSC — 6th From Bottom
SWP
PED
0V — 3rd From Bottom
V+
OUT2
OUT1
OUT1
OUT1
M2-1
M2-2
CLS
OPN
COM
CLS
OPN
M1-1
M1-2
V PWR
0V

PREV OPEN NEXT
EXIT CLOSE SET

Merlin MR650 / MR650EVO

Terminal block located on the circuit board, bottom left. Ext power supply required.

SAFETY BEAMS		WIRED WALL CONTROL	
3	2	2	1
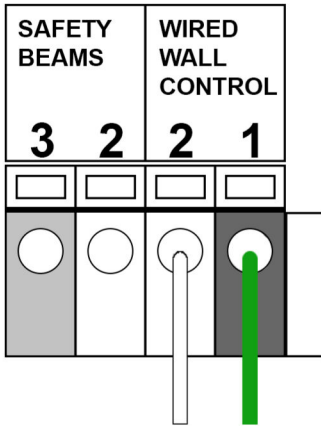
Merlin MR850 / MR850EVO

Terminal block located on the circuit board, bottom left.

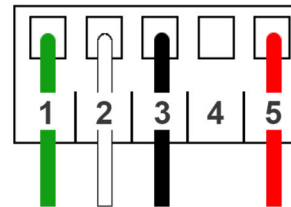| ACCESSORY POWER		STATUS RELAY			SAFETY BEAMS		WIRED WALL CONTROL	
GND	24V DC (55mA)	NC	COM	NO	3	2	2	1
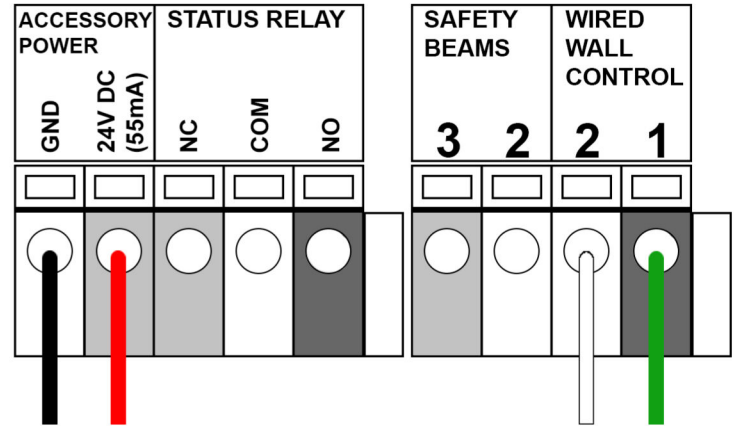
Merlin MR655MYQ

Terminal block located under light cover on front of motor.
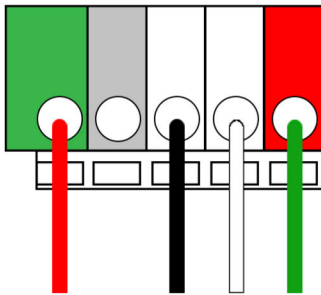
Merlin MR855MYQ

Terminal block located under cover located on bottom rear of motor. Cover can be removed.

| 1 | 2 | 3 | 4 | 5 |

Merlin MT60EVO, MT100EVO, MS65MYQ, MS105MYQ & MS125MYQ

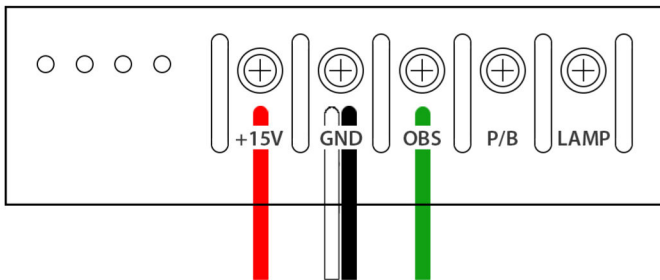Terminal block located under cover located on bottom rear of motor. Cover can be removed.

| + | - | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 7 |

The Garage Door People

Merlin 430R / MR1000

Terminal block located under cover located
on bottom rear of motor. Cover can be removed.

+15V   GND   OBS   P/B   LAMP
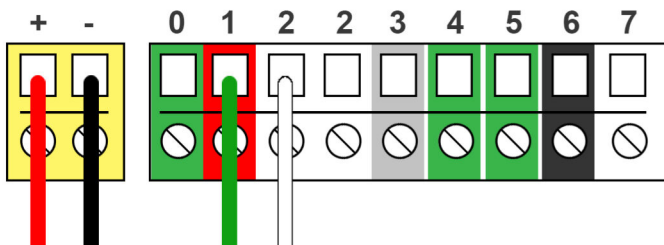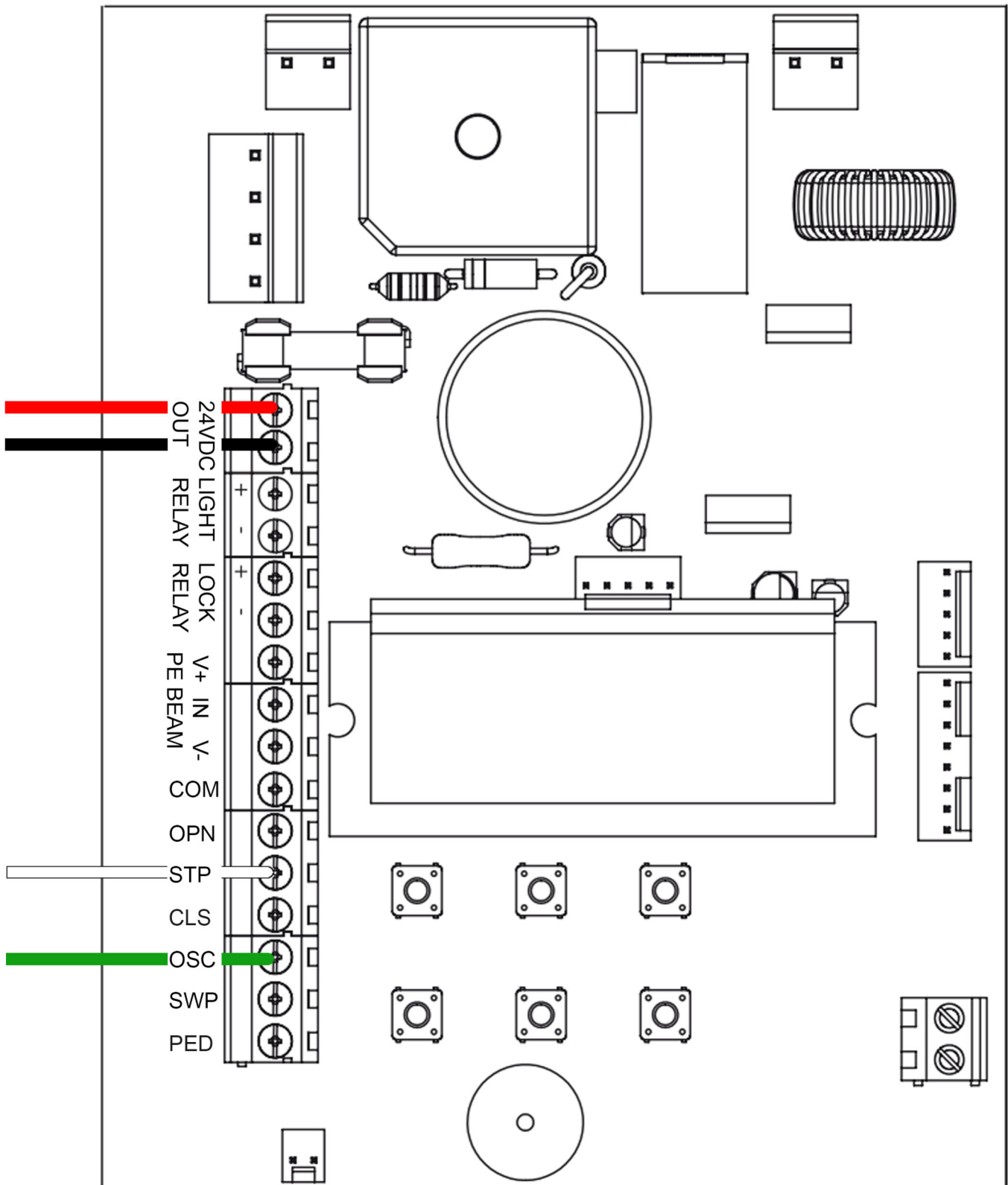
Universal Receiver
Wiring Guide

ATA NeoSlider 24v3

Circuit Board is located inside the motor housing.

Terminal labels (top to bottom):
- 24VDC OUT
- LIGHT RELAY +, −
- LOCK RELAY +, −
- PE BEAM V+ IN, V−
- COM
- OPN
- STP
- CLS
- OSC
- SWP
- PED

ATA NeoSlider 500 / 800

Circuit Board is located inside the motor housing.

V+
0V
SB2
SB1
0V
OPN
STP
CLS
OSC
SWP
PED
0V
V+
OUT2
V+
OUT1