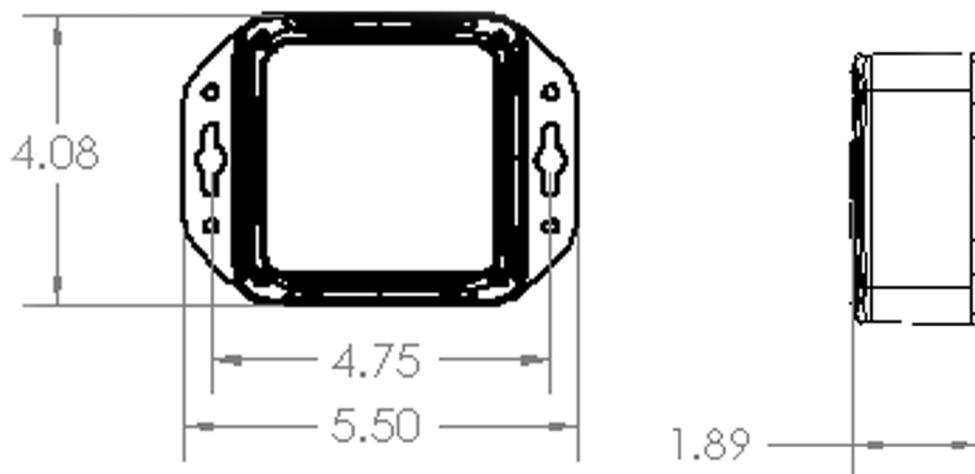
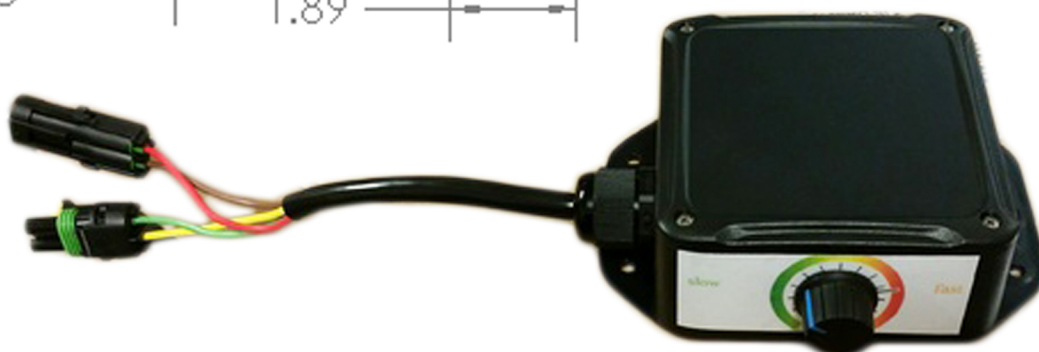


SPEED VOLTAGE CONTROLLER SPECIFICATIONS



NET WEIGHT: 69g
SHIPPING WEIGHT: 5 OZ.
NET: 3.3 OZ



THE DC MOTOR SPEED CONTROLLER ALLOWS CONTROLLING SPEED OF A DC MOTOR USING A PULSE-WIDTH-MODULATED (PWM) DC VOLTAGE WITH A DUTY CYCLE FULLY ADJUSTABLE FROM 0%-100%. THE MOTOR SPEED CONTROLLER CAN PROVIDE A CONTINUOUS CURRENT OF 10A TO YOUR DC MOTOR OR OTHER DC LOAD.

THE CIRCUIT ALSO INCLUDES A 20A FUSE, WITH REVERSE CONNECTION OF POWER SUPPLY AND CONTROL VOLTAGE OVER-VOLTAGE PROTECTION FUNCTION.

FEATURES:

- 100% BRAND NEW AND HIGH QUALITY
- INPUT SUPPLY VOLTAGE: DC 6V-50V
- MAXIMUM OUTPUT POWER: 500W
- MAXIMUM CONTINUOUS OUTPUT CURRENT: 10A
- OVERLOAD & SHORT CIRCUIT PROTECTING CURRENT: 20A
- SIZE (L*W*H); approx. 5.5" X 4.08" X 1.89"
- NET WEIGHT: 69g
- STATIC CURRENT: 0.005 A (STANDBY)
- PWM FREQUENCY: 15kHz
- DUTY CYCLE ADJUSTABLE: 0%-100%
- OPERATION ENVIRONMENT TEMP.: -20°C-40°C

ADVANCED POWER INC.
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SPEED VOLTAGE CONTROLLER SPECIFICATIONS



INSTALLATION:

- THE VOLTAGE SPEED CONTROLLER CANNOT BE CONNECTED IN BETWEEN OR PRIOR TO THE ALC OR IT WILL PROBABLY BURN THE ALC UP. THE VOLTAGE SPEED CONTROLLER WILL BE CONNECTED TO THE OUTPUT OF THE ALC ONLY.
- IF AN ALC IS NOT BEING USED IN THE SYSTEM, CONNECT FROM THE PANEL TO THE SPEED CONTROLLER.

ALC WIRING: **YELLOW** (SPEED CONTROL) CONNECTS TO RED (ALC)

GREEN (SPEED CONTROL) CONNECTS TO BLACK (ALC)

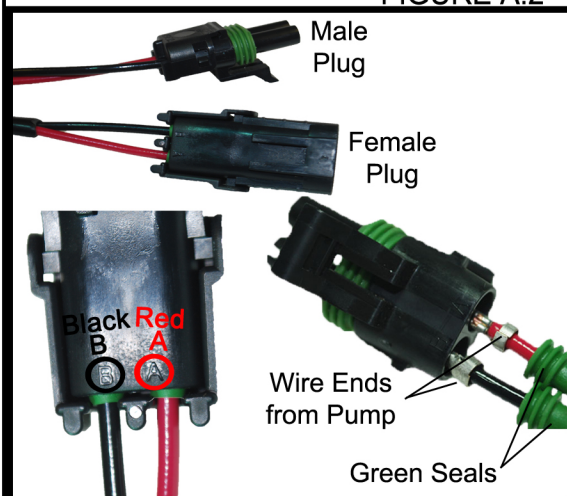
OUTPUT OF THE SPEED CONTROLLER IS WIRED:

RED (SPEED CONTROLLER) CONNECTS TO RED (PUMP)

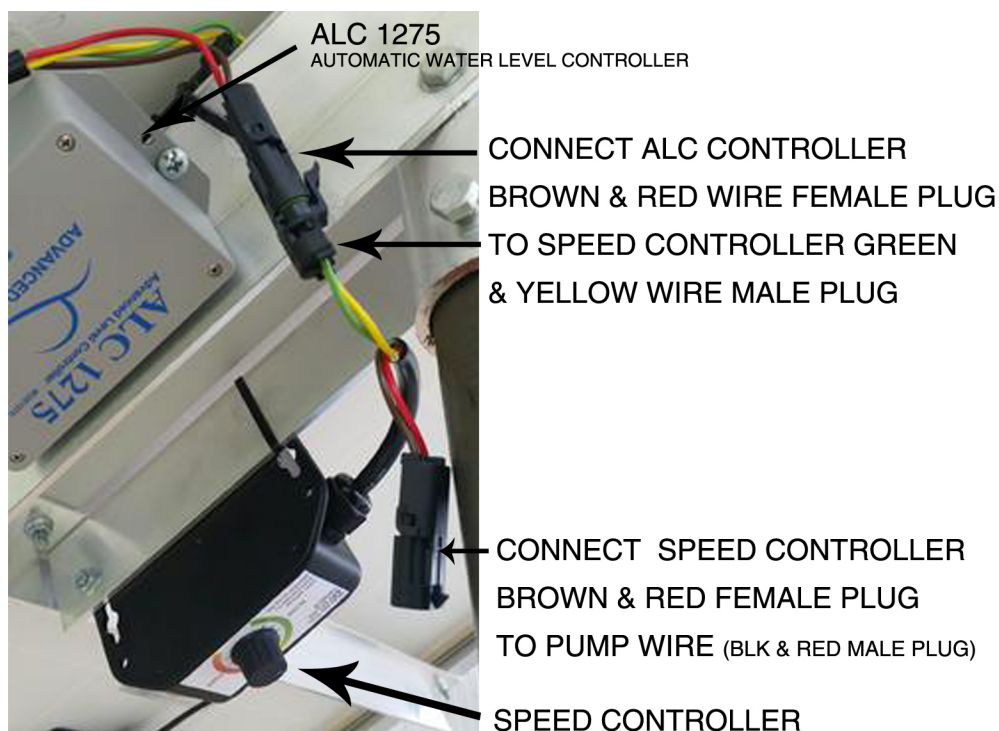
BROWN (SPEED CONTROLLER) CONNECTS TO BLACK (PUMP)

NOTE: IT'S HARD TO CONNECT WRONG BECAUSE WE USE THE ONE WAY TRAILER WIRE CONNECTORS.

FIGURE A.2



Connectors simply plug together. Please do not use excessive force, as this may damage connector. The Kits come prewired so no need to open the junction box on the back of module.



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