

Reverse current protection diode installation instructions

Preferred method

The best way to prevent reverse current spikes from affecting Neutrino is to install a diode at the device. To do this simply connect the supplied diode between the positive connection at the device (horn, pump, relay) and the ground connection at this device. The diode must be installed such that the black band side is facing towards the positive connection and the non-banded side is facing towards the ground. Install heat shrink sleeving or any other insulation over the the diode lead facing the hot terminal.

This installation method offers by far the best protection for any reverse current surges.

Alternative method

Decide which circuit is to be protected against relay and electric motor induced back current/voltage (in this case, circuit 6)

Bend the diode legs to be a tight fit between the hot terminal (6 in this case) and a ground terminal. **The black band side of the diode must face the hot terminal.**

Install heat shrink sleeving or any other insulation over the the diode lead facing the hot terminal.

Connect the hot lead of the powered device to the hot terminal.

