

Wiring guide for door entry systems

Connecting the XD100, XDR104 and Mag Lock systems.

For a Normally Closed Connection

Prerequisites:

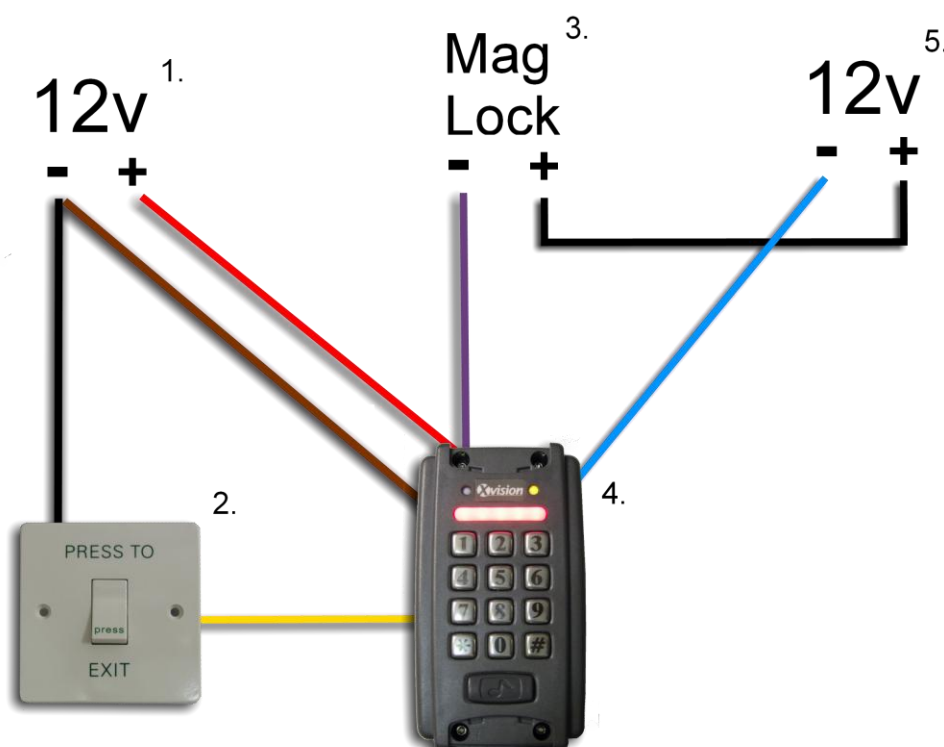
For this system you will need the following:

1. 2 x 12v 3A power supplies
2. XDR104 Push to Exit button
3. An electromagnetic lock (Mag lock)
4. XD100 RF/PIN Access Control System

In addition, you will also need cabling such as Cat-5e. You can also use a DC Screw Socket (DCS-B) to connect the power cabling or, alternatively, you can just solder the connections.

**Please check for missing items from each piece of hardware (i.e. the XD100 should come with 1 x 6pin and 1 x 8pin cable). Please refer to the manuals for a comprehensive list of what should be included.*

Step 1: See the diagram below:



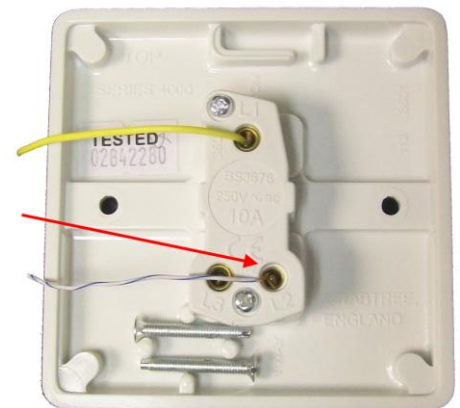
Step 2: Connect the XD100 (4) using the 6 pin cable

On the XD100 connect the following cables:

- Yellow to the L1 socket on the XDR104 (2)
- Brown to the negative of the 1st power supply (1)
- Red to the positive of the 1st power supply (1)
- Purple to the negative of your electromagnetic/Mag lock (3)
- **Blue** to the negative of the 2nd power supply (5)

Step 3: Connect the XDR104 (2)

Connect the L2 socket on the XDR104 to the negative of your 1st power supply (1) using a piece of Cat-5e or any other suitable cable.



Step 4: Connect the Electromagnetic/Mag lock (3)

Connect the positive from the Mag lock to the positive of the 2nd power supply (5)

