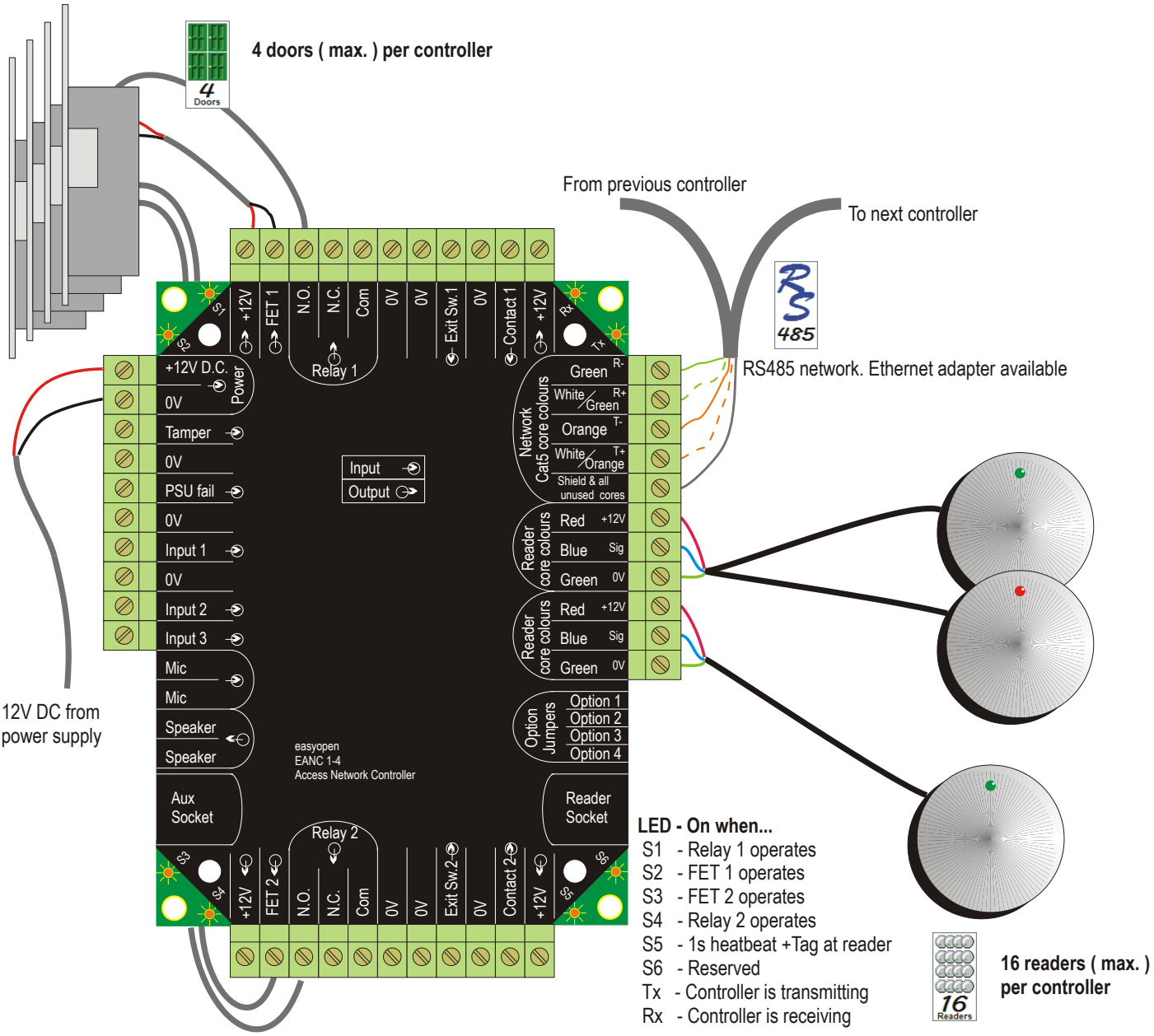
Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Networked Access Control

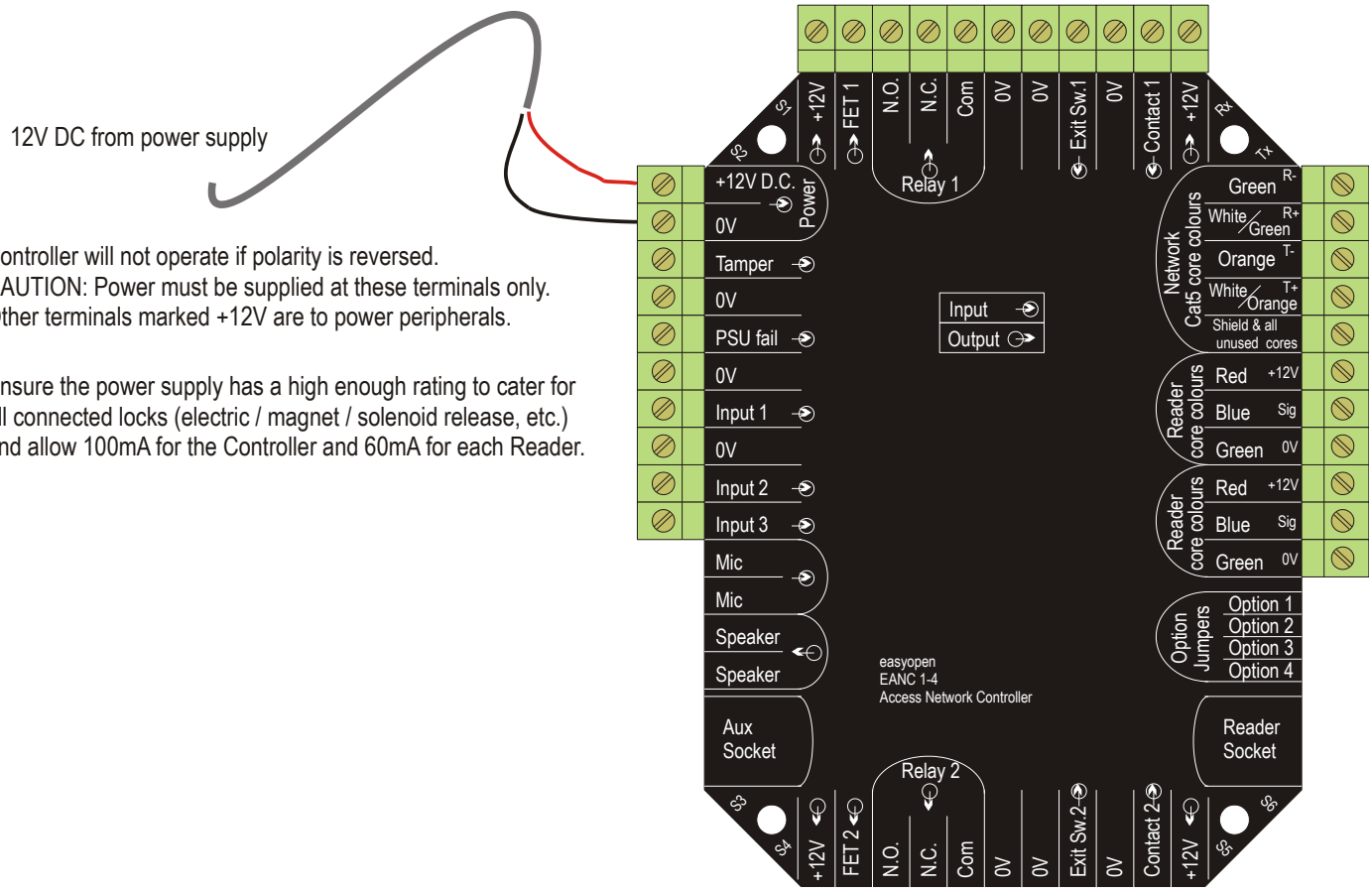
Connections - Overview



Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Connections – Power

Ensure the power supply has a high enough rating to cater for all connected locks (electric / magnet / solenoid release, etc.) and allow 100mA for the Controller and 60mA for each Reader.



Controller will not operate if polarity is reversed.
CAUTION: Power must be supplied at these terminals only.
Other terminals marked +12V are to power peripherals.

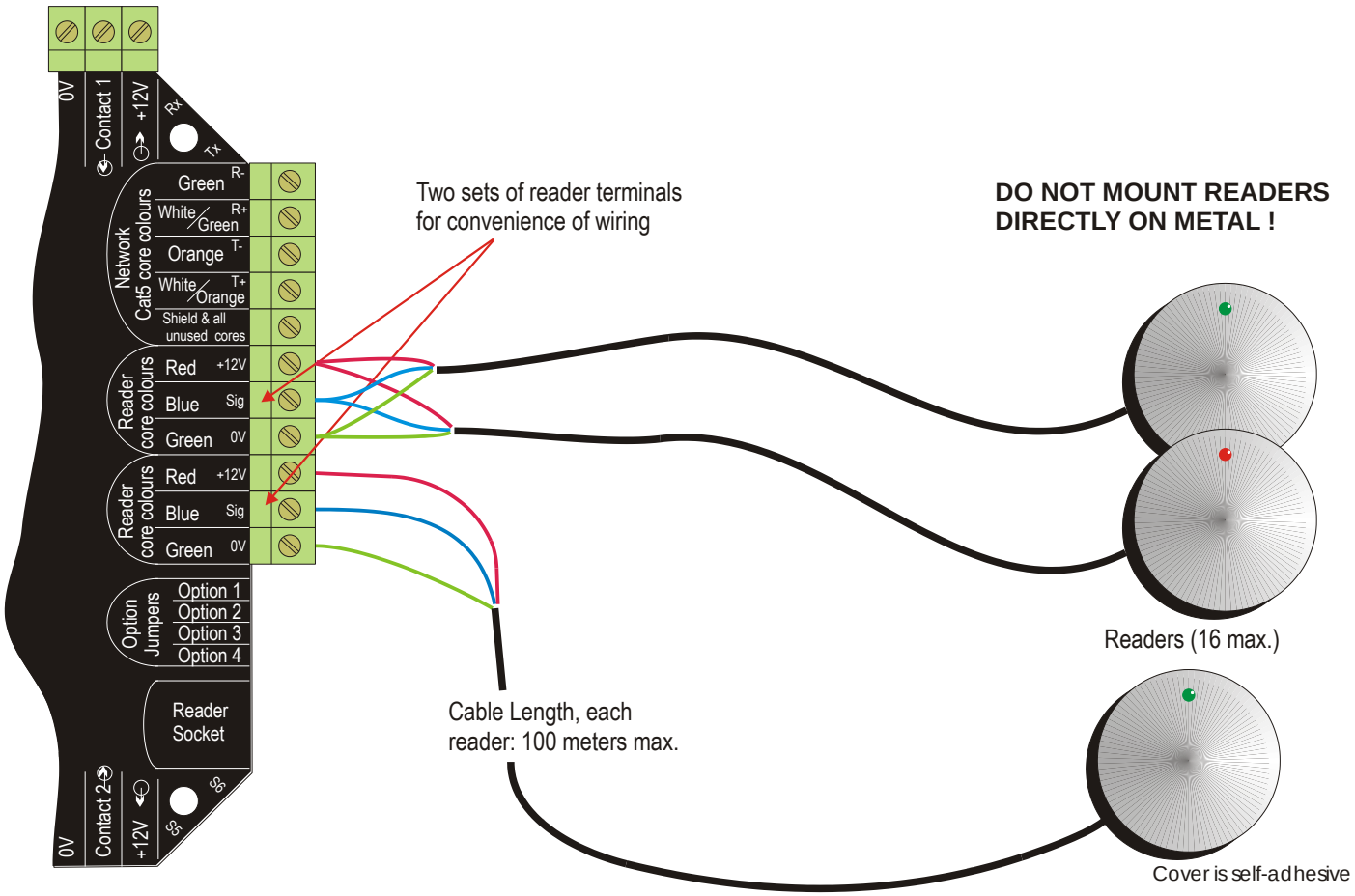
Ensure the power supply has a high enough rating to cater for all connected locks (electric / magnet / solenoid release, etc.) and allow 100mA for the Controller and 60mA for each Reader.

Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Connections – Readers

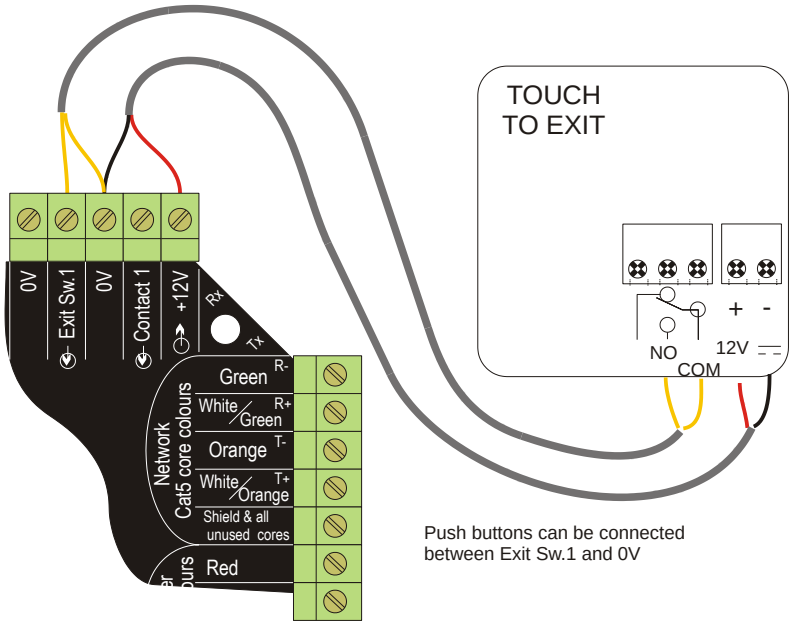
If desired, doors can be wired with a reader on both the inside and the outside of the door. Both readers will operate the lock output. Note that for convenience, two sets of connections are provided for wiring readers; These are connected together on the controller and readers will operate in an identical fashion regardless of which set is used.

CAUTION: Readers mounted within 600mm of each other will interfere and reading range will be reduced, even on opposite sides of a wall. Perform a range test before fixing !



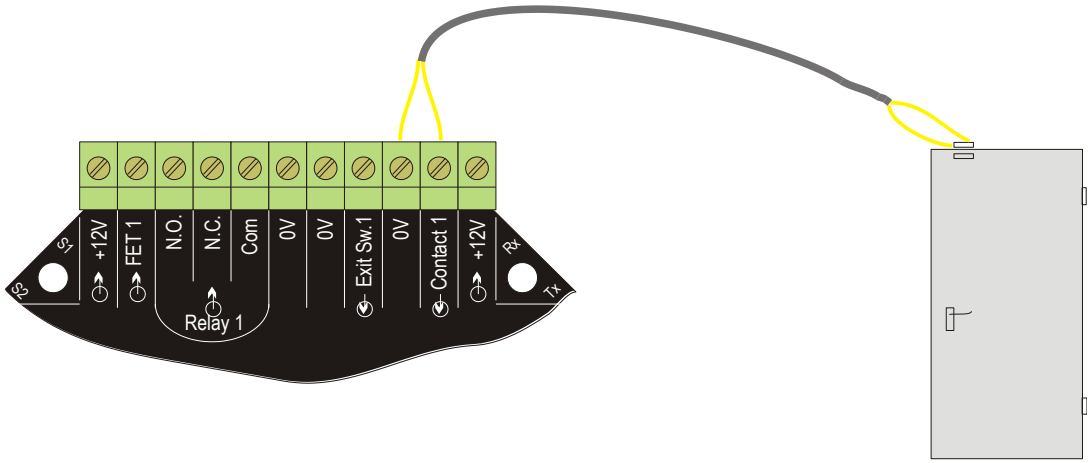
Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Connections – Exit button



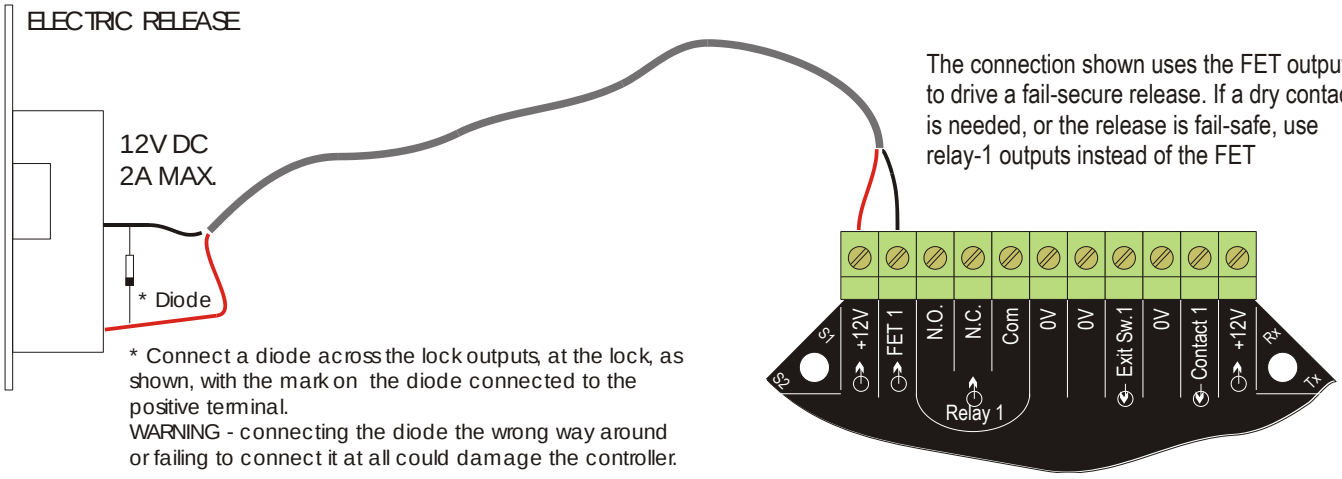
Push buttons can be connected between Exit Sw.1 and 0V

Connections – Door Contact



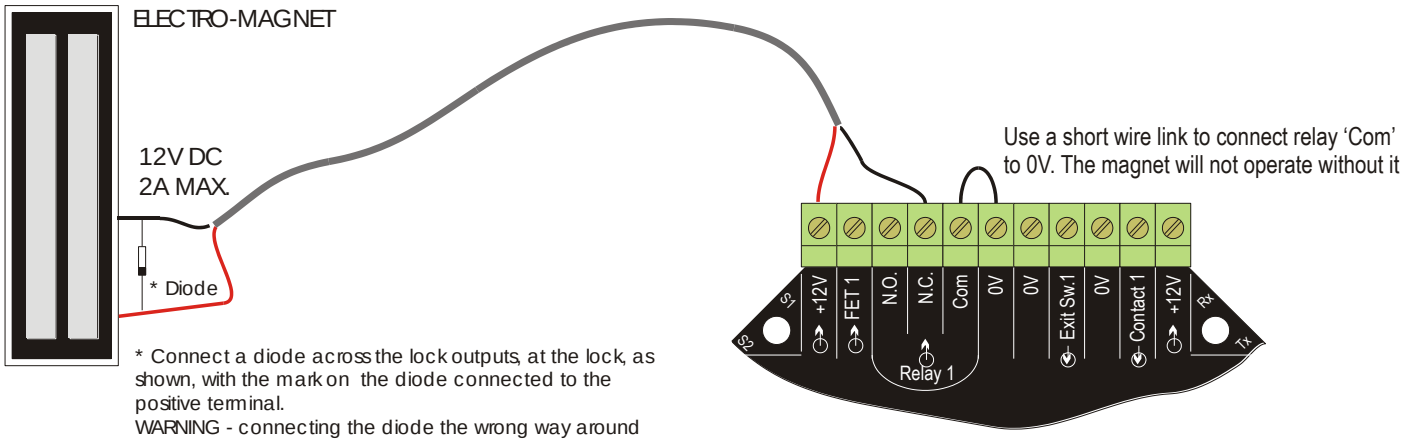
Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Connections – Lock



The connection shown uses the FET output to drive a fail-secure release. If a dry contact is needed, or the release is fail-safe, use relay-1 outputs instead of the FET

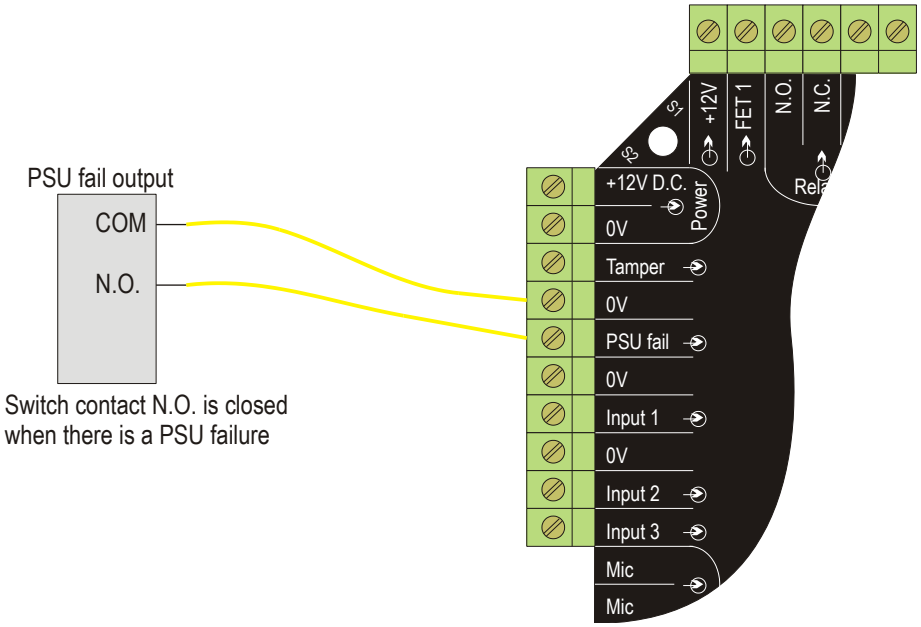
* Connect a diode across the lock outputs, at the lock, as shown, with the mark on the diode connected to the positive terminal.
WARNING - connecting the diode the wrong way around or failing to connect it at all could damage the controller.



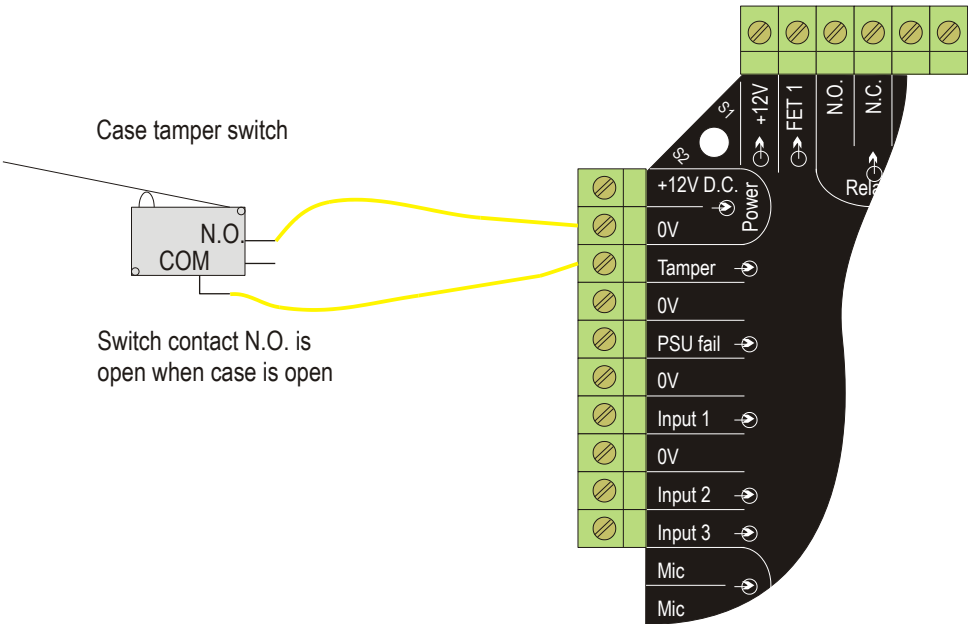
Use a short wire link to connect relay 'Com' to 0V. The magnet will not operate without it

* Connect a diode across the lock outputs, at the lock, as shown, with the mark on the diode connected to the positive terminal.
WARNING - connecting the diode the wrong way around or failing to connect it at all could damage the controller.

Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com



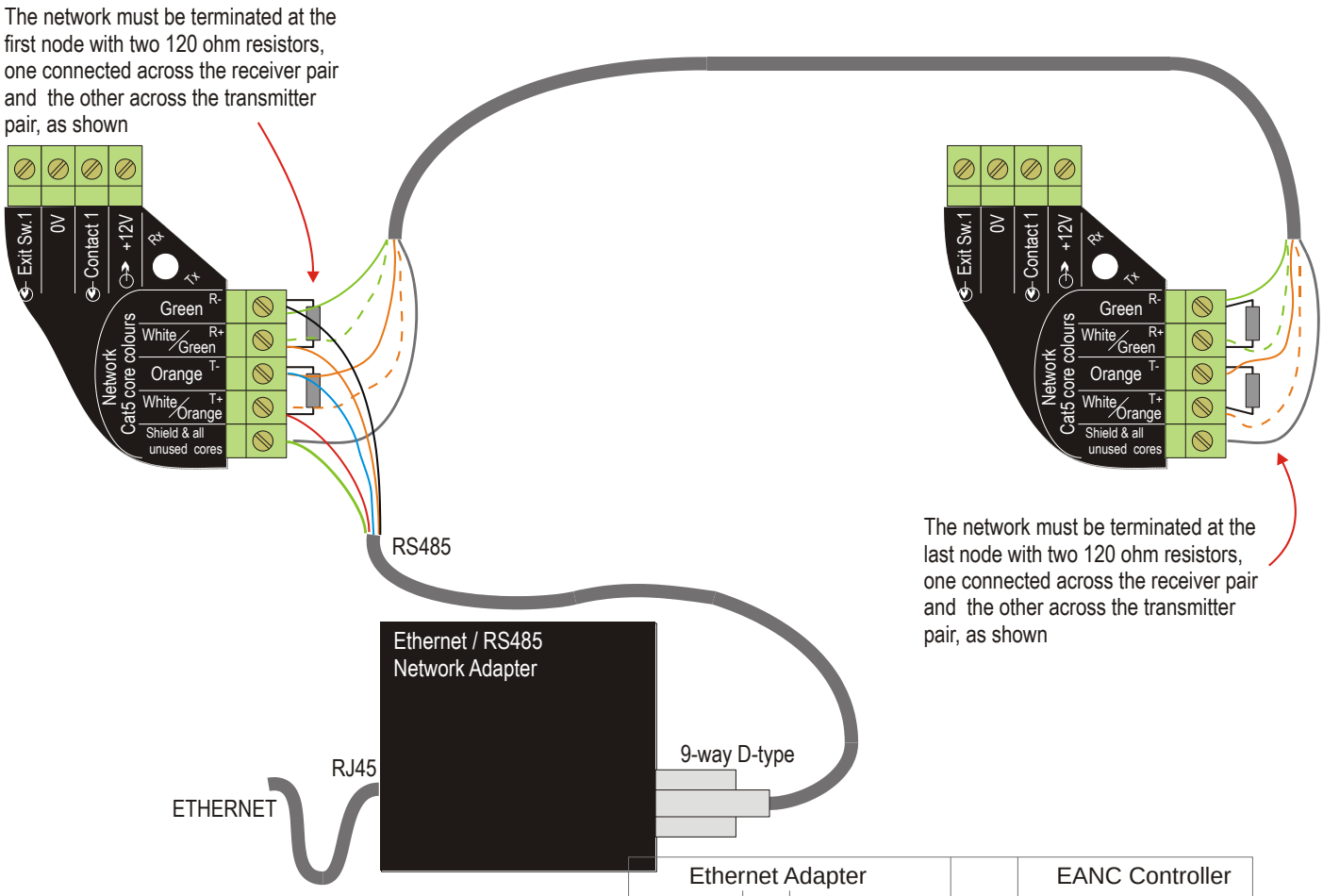
Connections – PSU failure



Connections – Case Tamper Switch

Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Connections – RS485 Network (CAT5, colour coded) with Ethernet Adapter

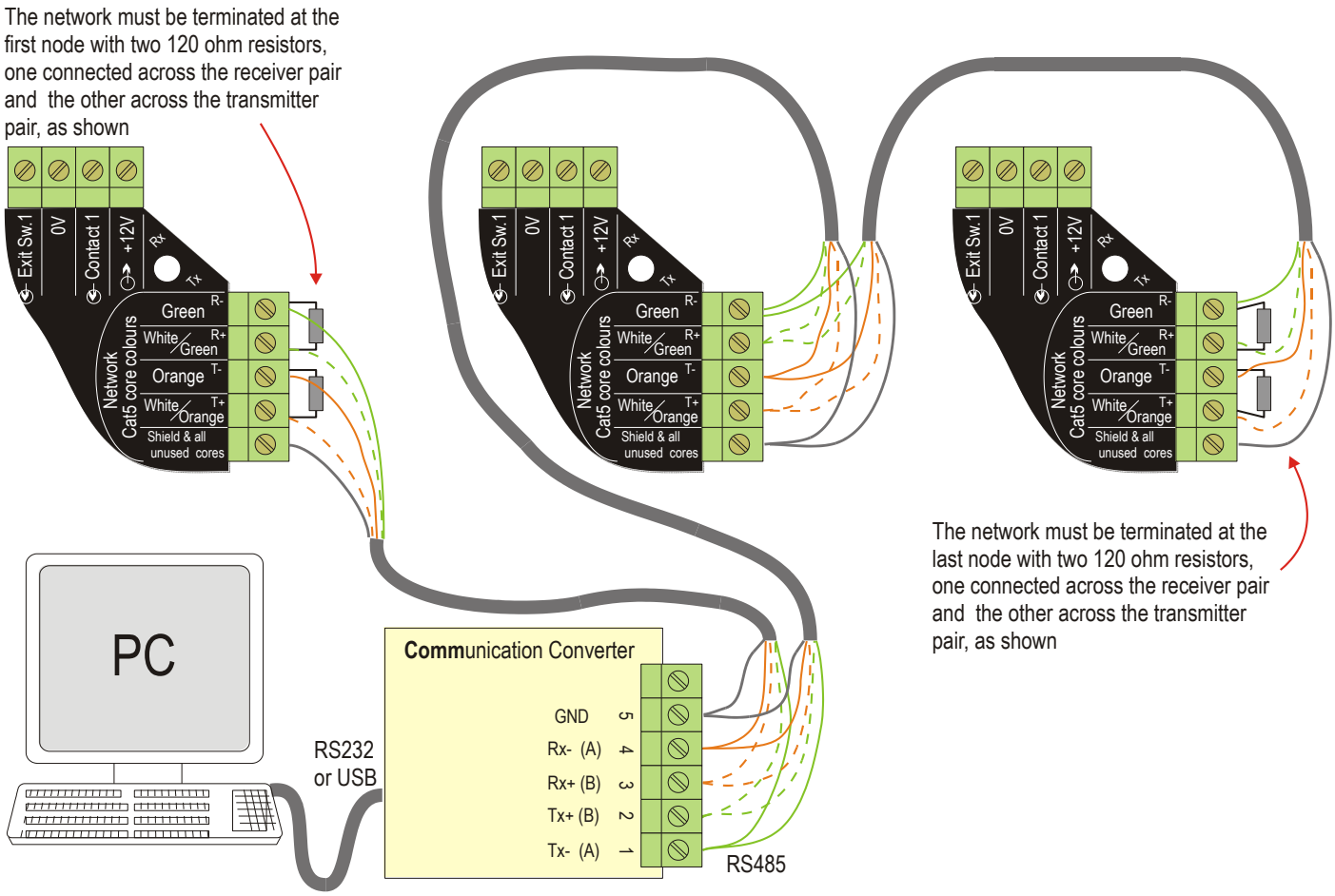


Ethernet Adapter Terminal	Pin	Wire Colour		EANC Controller Terminal
T-	9	Black	->	R- (Green)
T+	3	Orange	->	R+ (White/Green)
R-	6	Blue	->	T- (Orange)
R+	2	Red	->	T+ (White/Orange)
Gnd	5	Green	->	Shield

Ethernet Adapter Wiring Schedule

Hints Road Mile Oak TAMWORTH
Staffordshire B78 3PQ England
Telephone: +44(0) 1827 288266
Fax: +44(0) 1827 251444
e-mail: info@accesscontroldirect.com
website: www.accesscontroldirect.com

Connections – Network



Software Installation

1) On a multi-user PC you must log into your computer as a user with administrative rights.
2) Close any non-essential applications.
3) Insert the supplied CD into your CD or DVD drive.
4) If (after a few seconds) the installer auto-runs, go to step 7.
5) Select Start...Run from the Start button.
6) Type in x:\setup.exe (where x is the drive letter of the CD or DVD drive containing the supplied CD), and press the Return button on your keyboard.
7) Follow the on-screen instructions.
8) Select Start...(All)Programs...Access Manager...Access Manager Help
9) When the help appears, click the "Getting Started" link for help on setting up your system.