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SOLFEX
UNDERFLOOR HEATING



Model: **UH1**



Wiring The UH1

Using BELDEN 9538 cable on the Heatmiser Network

When using this cable make sure the shield drain wire (the silver unshielded wire) is connected to earth at the UH1.

Using CAT5-FTP cable on the Heatmiser Network

Generally CAT5 cable comes in 3 types:

1. CAT5-UTP (unshielded)
2. CAT5-FTP (shielded lower cost)
3. CAT5-STP (shielded higher cost)

For the Heatmiser network you should use CAT5-FTP - This is SHIELDED CAT5 or CAT5E

FTP stands for foil screened twisted pair

The network uses digital communications between the thermostats and Touchpad or NetMonitor (+).

This digital comms line needs to be protected from interference and the CAT5-FTP does this in 2 ways:

1. The cable is shielded from outside interference.
2. The cables are twisted around each other in pairs.

Connect as follows:

Brown to +	Brown/white to -
Blue to B	Blue/white to Y
Orange to A1	Orange/white to A2
Green to B1	Green/white to B2 (PRT/HW-N and PRT/HW-NTS only)

Each set of connections forms a twisted pair in the cable canceling out any interference to or from the cables.

If your cable colours are different, make sure you use a twisted pair for each of the following:

1. + & -
2. A1 & A2
3. B1 & B2
4. Y & B

When using this cable make sure the shield drain wire (the silver unshielded wire) is connected to earth at the UH1 end.



neoStats from SOLFEX energy systems



neoHub - control your system remotely via smartphone

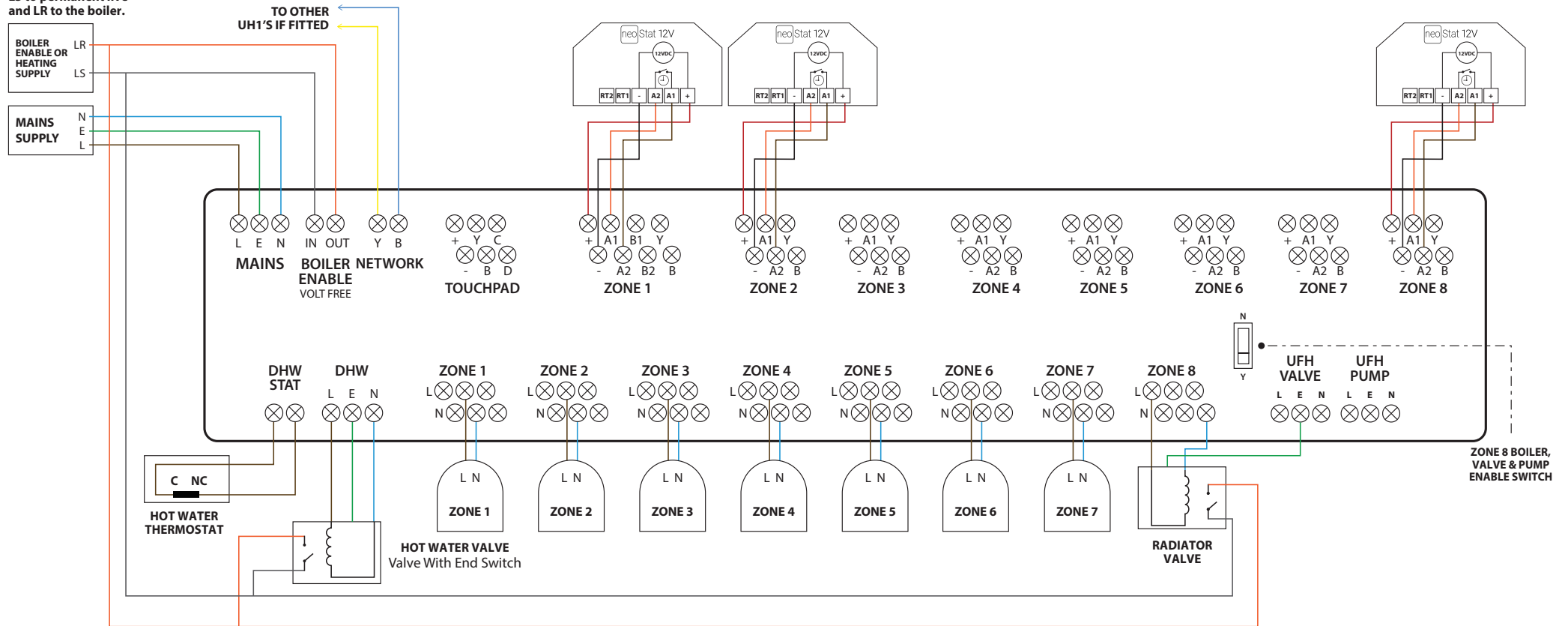
The SOLFEX neoHub is the gateway to the Neo System, providing remote control of all neoStats in your home from anywhere!

- App Controllable
(Compatible with iPhone, iPad, Android and Windows Phone)
- Control up to 32 Rooms
- Easy to Install & Setup



Wiring Diagram - UH1

N.B. For boilers requiring a switched live signal connect LS to permanent live and LR to the boiler.



This equipment should be installed by an appropriately qualified / registered electrician. Ensure all wiring is correct before applying power. The warranty does not cover any damages caused by incorrect wiring and installation.



Wiring Diagram - Connecting Multiple UH1's

