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DS1 V2 CONTROL -UH8 WIRING CENTRE (V1-UFH) DS1 V2 and TOUCH (LOW TEMP. SYSTEM)

NOTES TO ELECTRICIAN: NOTE 1 - LIVE LINK CONNECTIONS

All links shown between 'L' and 'A1' terminals must be fitted as shown and labeled accordingly.

NOTE 2 - OPTIONAL UFH ZONE VALVE

These connections are for opening a zone valve serving the UFH manifold. As our system does not require a zone valve on the UFH circuit, the 'Gr' and 'Or' terminals must be linked out as shown.

NOTE 3 - MANIFOLD ACTUATORS

The manifold actuators come pre-fitted with a 2 core cable. These must be connected as shown. A maximum of 4 actuators can be connected to each zone output (i.e. maximum 2 cores per 'L' and 'N' terminal)

NOTE 4 - DS1 V2 with REMOTE PROBE FOR WET ROOM

The DS1 V2 will be wall mounted outside the 'wet room'. The remote sensor will be wall mounted inside the 'wet room'. The remote probe will be connected to terminals 'RT+' & 'RT-' in the DS1 V2 as shown - this connection in not polarity dependant. The probe is pre-fitted with a 3m length of 2 core cable. If required this can be extended using a small junction box - continuity across the connections must be maintained. The probe will be installed inside a blank sensor case within the 'wet room'.

NOTE 5 - BOILER CONNECTIONS

The connections used for a heat demand for the boiler/primary plant system are shown as volt free. All connections at the boiler/primary plant must be made in accordance with the manufacturer's instructions.

NOTE 6 - ZONE 8 SWITCH

The zone 8 slide switch inside the UH8 wiring centre must be set to 'UFH'. This allows the 'ZONE 8 THERMOSTAT' connections to enable the 'UFH VALVE', 'UFH PUMP' and 'BOILER' outputs if a switched live demand is received from the thermostat connected into zone 8.

NOTE 7 - TOUCH

The TOUCH thermostat must be connected to the 'TIMECLOCK' terminals 'L' and 'N' and ' ${}^{\!\!\!\!\!O}$ ' in the UH8 wiring centre, as shown.

NOTE 8 - 230v OUTPUT FOR UFH PUMP

These connections are to be used to fire the circulating pump supplying the underfloor heating circuits. If required this signal can be taken through an auxiliary contact at the primary plant - this will allow the primary plant system to override whether the underfloor heating system can draw heat or not.

NOTE 9 - COMMON POWER SUPPLY

The mains power to the UH8 wiring centre must be supplied from a common 5 amp fused spur which will supply all heating circuits. This will provide a single point of isolation.

IF YOU HAVE ANY QUERIES REGARDING THE INSTALLATION OR SET-UP, PLEASE DO NOT HESITATE TO CONTACT OUR OFFICE.

CABLES REQUIRED FOR INSTALLATION:



(earth & brown cores not used)

230V 1.5mm² 2 CORE & EARTH (earth & blue cores not used)

PRE-FITTED CABLES:

The manifold actuators and zone valves come with pre-fitted cables. If these cables have to be extended, please ensure that continuity is maintained across all colour coded connections.

ALL MAINS VOLTAGE COMPONENTS, CONNECTIONS AND WIRING MUST BE NSTALLED BY A QUALIFIED ELECTRICIAN

THE INSTALLATION MUST BE COMPLIANT WITH CURRENT REGULATIONS, BS 7671 & IEC 60364.



