Heating control in the residential sector

How to regulate and program electric heating in 2 zones?

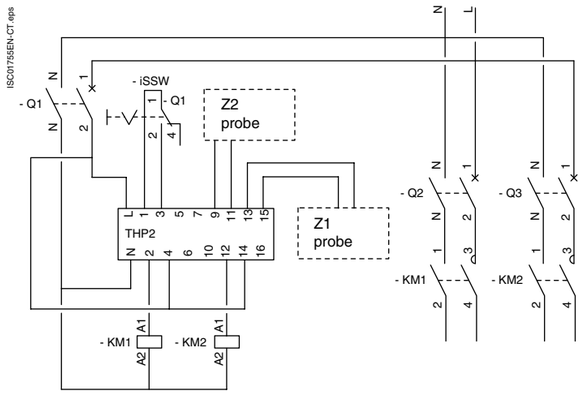
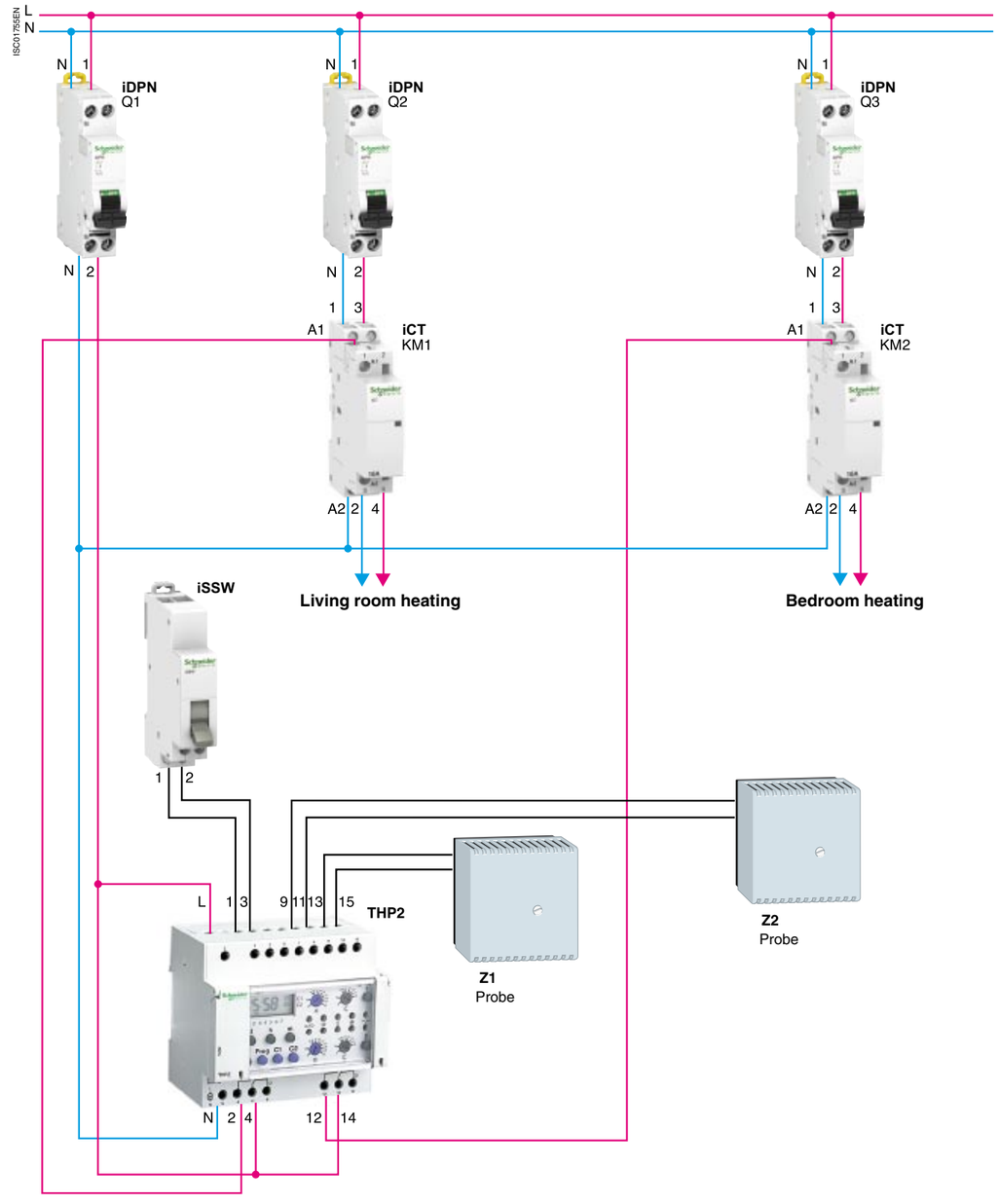
■ The 2-zone THP2 programmable thermostat, equipped with its two ambient temperature probes Z1 and Z2, regulates the temperature according to the "comfort" and "reduced" temperature set points programmed by the user. These set points are set separately for each zone between +5°C and +30°C.
■ Set point changes are automatic and take place according to the time program set by the user.
■ For each zone, a push-button on the front of the THP2 may be used for forced "comfort", "reduced" or "above freezing" operation.
■ An external iSSW changeover switch is used for remote control of forced "above freezing" operation for the 2 zones simultaneously.
■ For each zone, 5 LEDs display THP2 operation.
■ The THP2 controls heating operation for each zone via a iCT power contactor.

Additional information

- Forced "above freezing" operation maintains a room temperature of about 6°C.

- The THP2 may be equipped with a choice of the 2 non-adjustable temperature probes that come with the THP2, 2 adjustable ±3 probes (ref. 15836) or a non-adjustable probe (ref. 15835).

Electrical circuit



Products used	Qty.	Part no.
iDPN	3	
2P iCT	2	
iSSW	1	A9E18070
THP2	1	15834