

SMARTCOM³ CONTROL PANEL CABINET HEATERS.








Warnings

All external wiring **MUST** comply with the current IEE wiring regulations. These instruction **MUST** be used in conjunction with the SmartCom³ user manual and the appropriate heater manual.

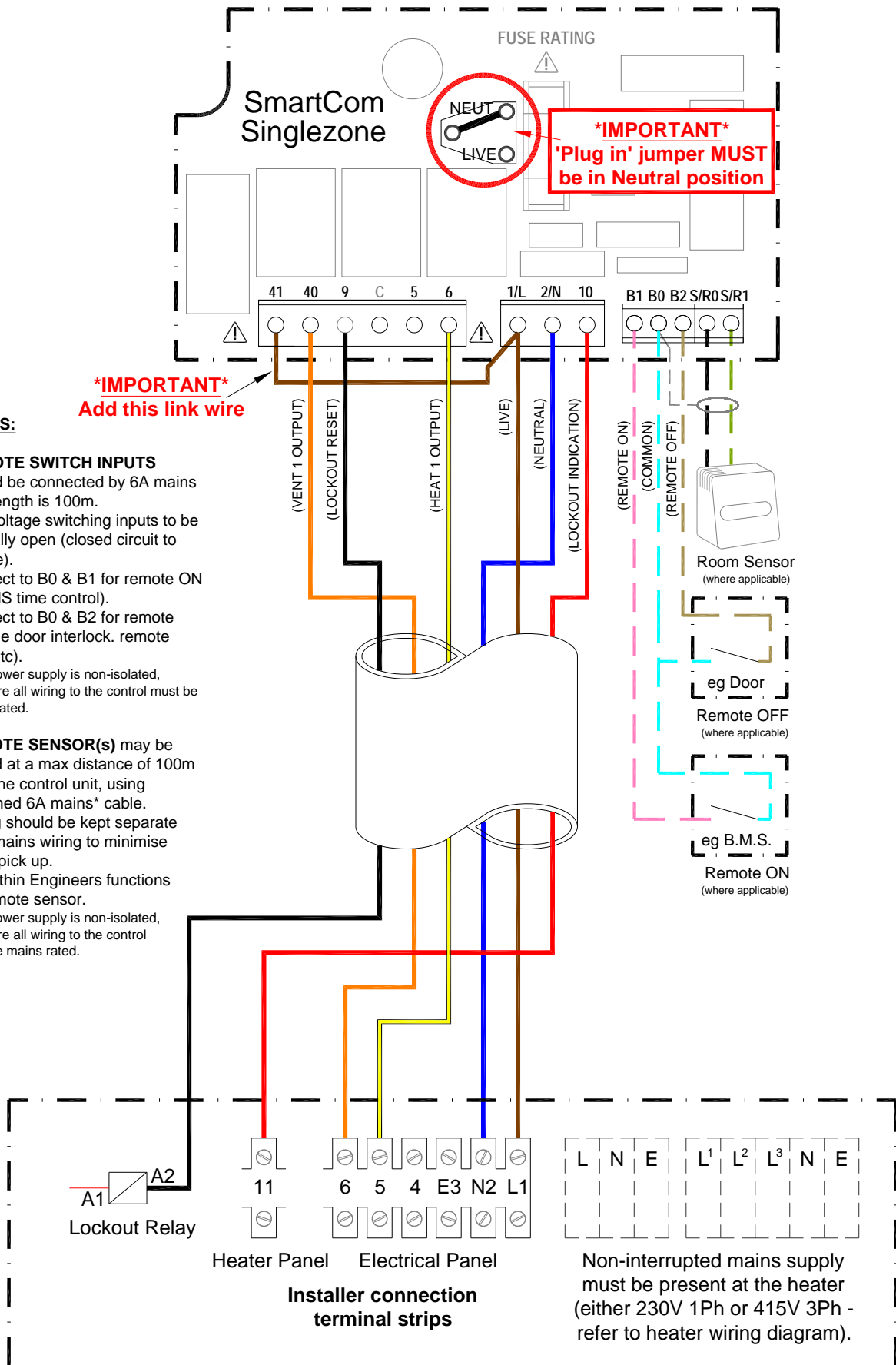


Visit our Support Database
at www.s-i-d.co.uk

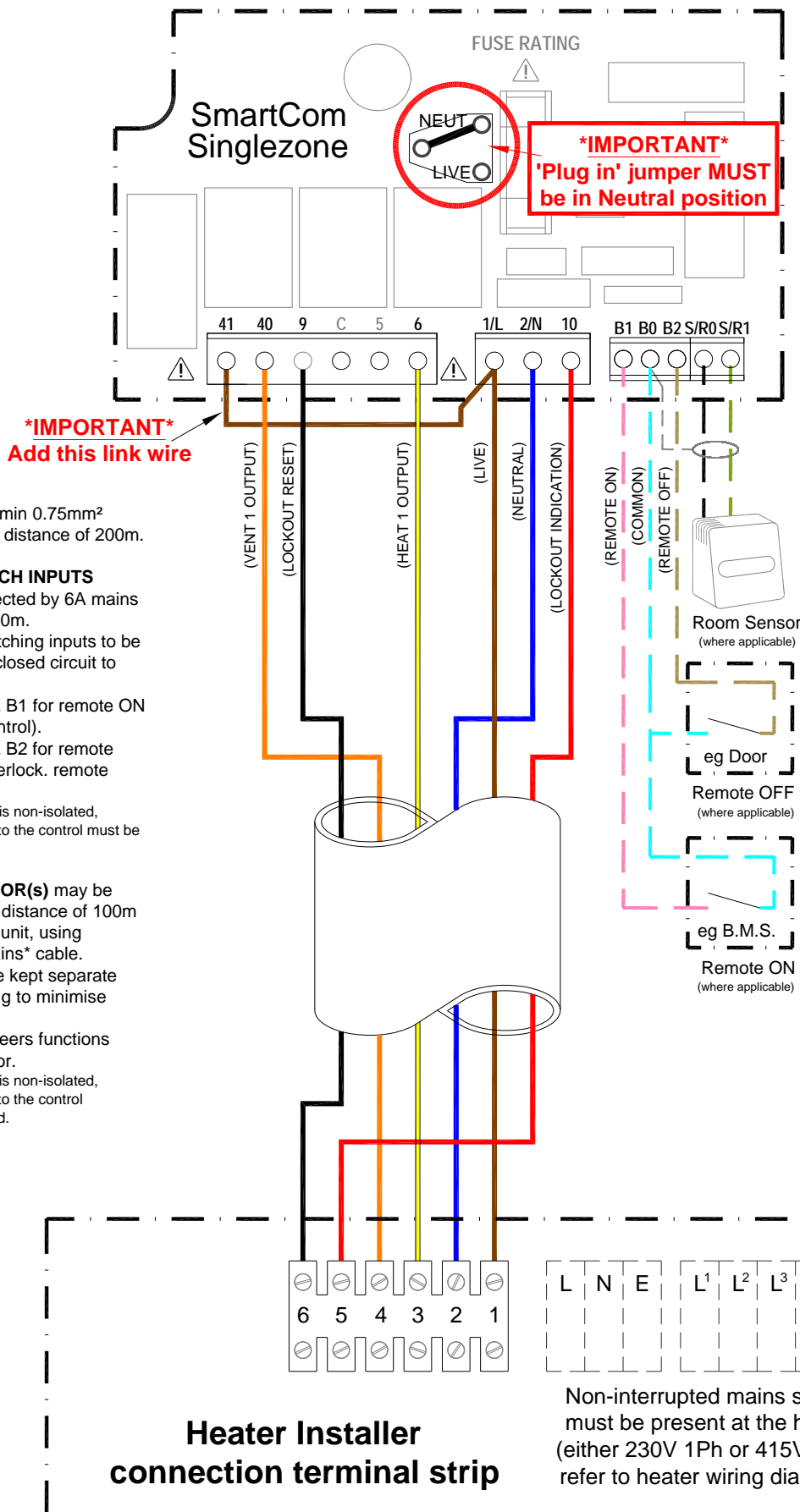
INDEX

	Diagram Number(s)			
	Heater type	Single Stage SC3-SZ Integral Control	Single Stage SC3-SZ Remote	Two Stage/ Network SC3-MZ Remote
	PV	1	2	3
	VNG	4	5	6
	VNO	4	5	6
	VCH	7	8	9

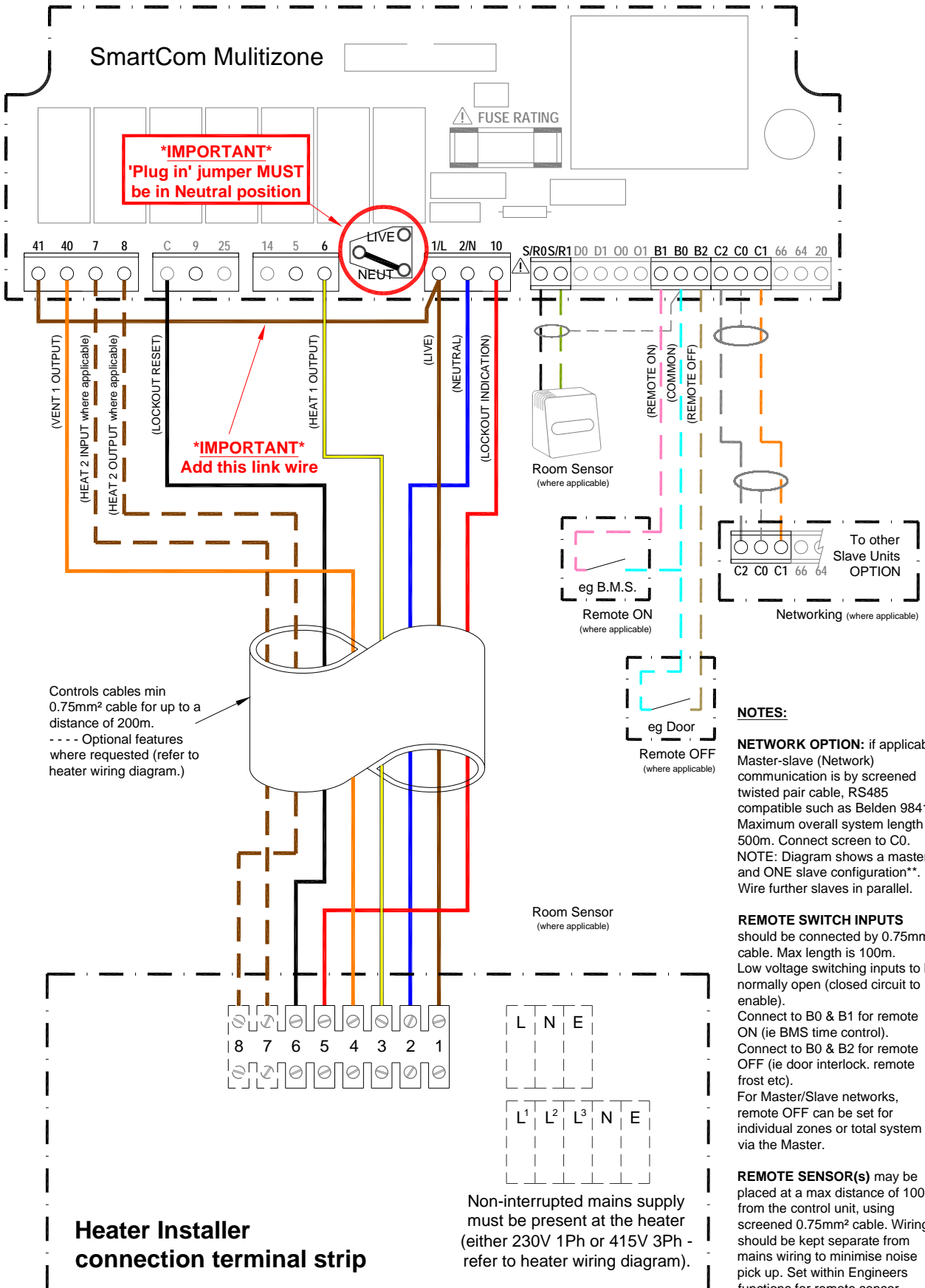
1 Single Stage (on/off) PV Cabinet Heaters with Integral SmartCom³ SZ.



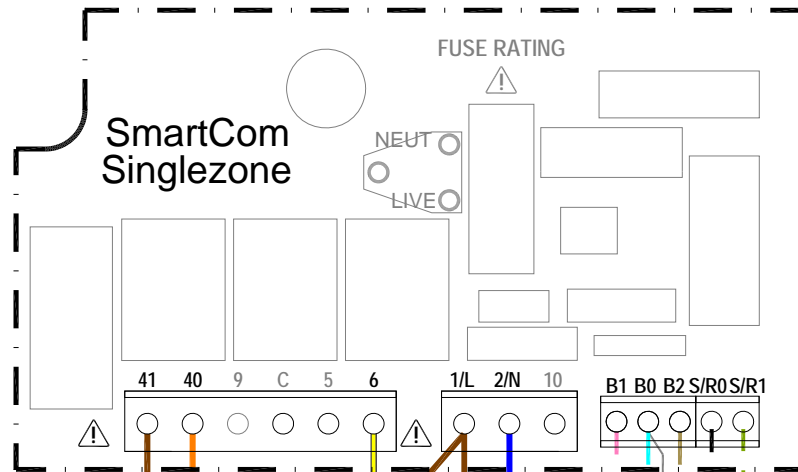
2 Single Stage (on/off) PV Cabinet Heaters to remote SmartCom³ SZ.



3 Two Stage (hi/low) or Network PV Cabinet Heaters to remote SmartCom³ MZ.



4 Single Stage (on/off) Gas & Oil Cabinet Heater with Integral SmartCom³ SZ.



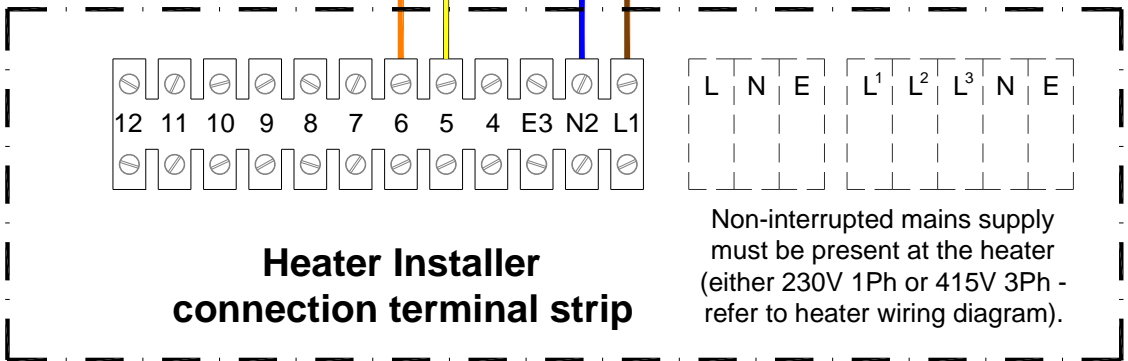
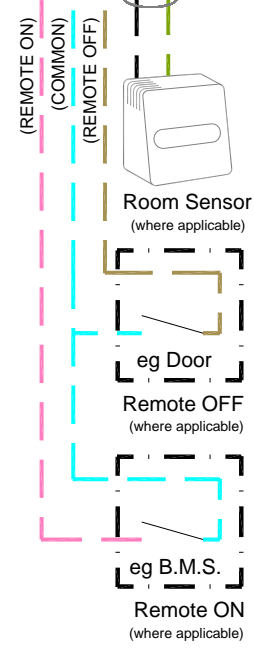
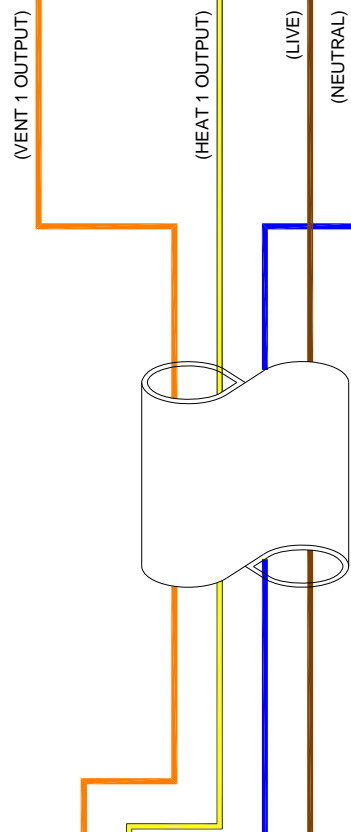
IMPORTANT
Add this link wire

NOTES:

REMOTE SWITCH INPUTS

should be connected by 6A mains
Max length is 100m.
Low voltage switching inputs to be normally open (closed circuit to enable).
Connect to B0 & B1 for remote ON (ie BMS time control).
Connect to B0 & B2 for remote OFF (ie door interlock. remote frost etc).
*The power supply is non-isolated, therefore all wiring to the control must be mains rated.

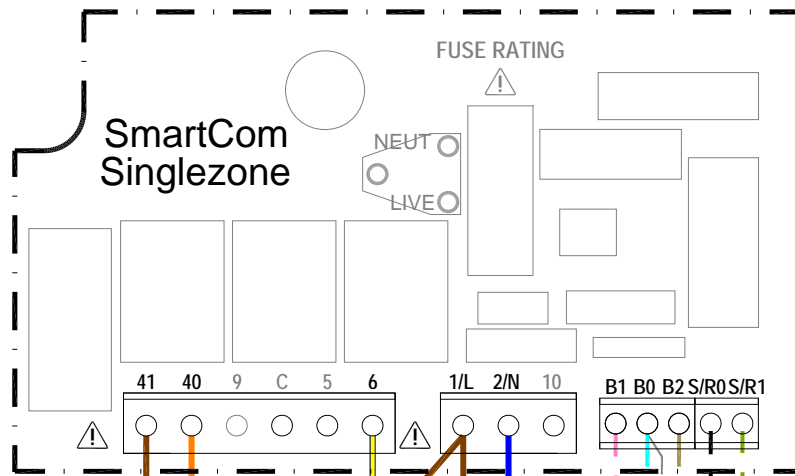
REMOTE SENSOR(s) may be placed at a max distance of 100m from the control unit, using screened 6A mains* cable.
Wiring should be kept separate from mains wiring to minimise noise pick up.
Set within Engineers functions for remote sensor.
*The power supply is non-isolated, therefore all wiring to the control must be mains rated.



Heater Installer connection terminal strip

Non-interrupted mains supply must be present at the heater (either 230V 1Ph or 415V 3Ph - refer to heater wiring diagram).

5 Single Stage (on/off) Gas & Oil Cabinet Heaters to remote SmartCom³ SZ.



IMPORTANT
Add this link wire

NOTES:

Controls cables min 0.75mm² cable for up to a distance of 200m.

REMOTE SWITCH INPUTS

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Max length is 100m.
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(VENT 1 OUTPUT)

(HEAT 1 OUTPUT)

IMPORTANT
Add this link wire

(LIVE)

(NEUTRAL)

(REMOTE ON)

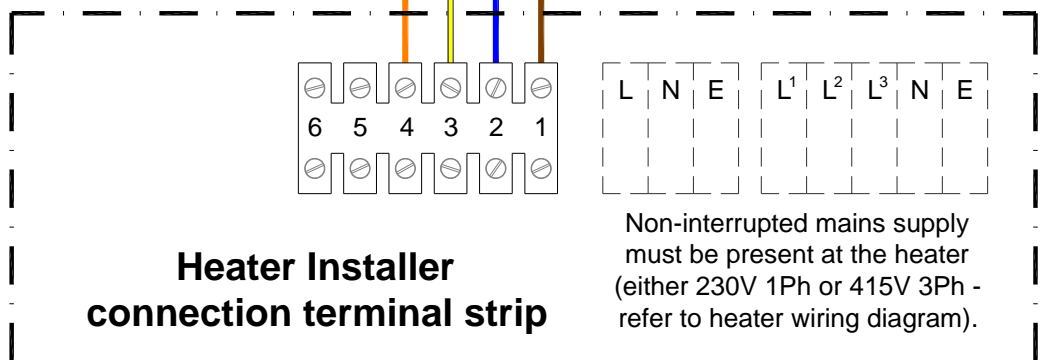
(COMMON)

(REMOTE OFF)

Room Sensor
(where applicable)

eg Door
Remote OFF
(where applicable)

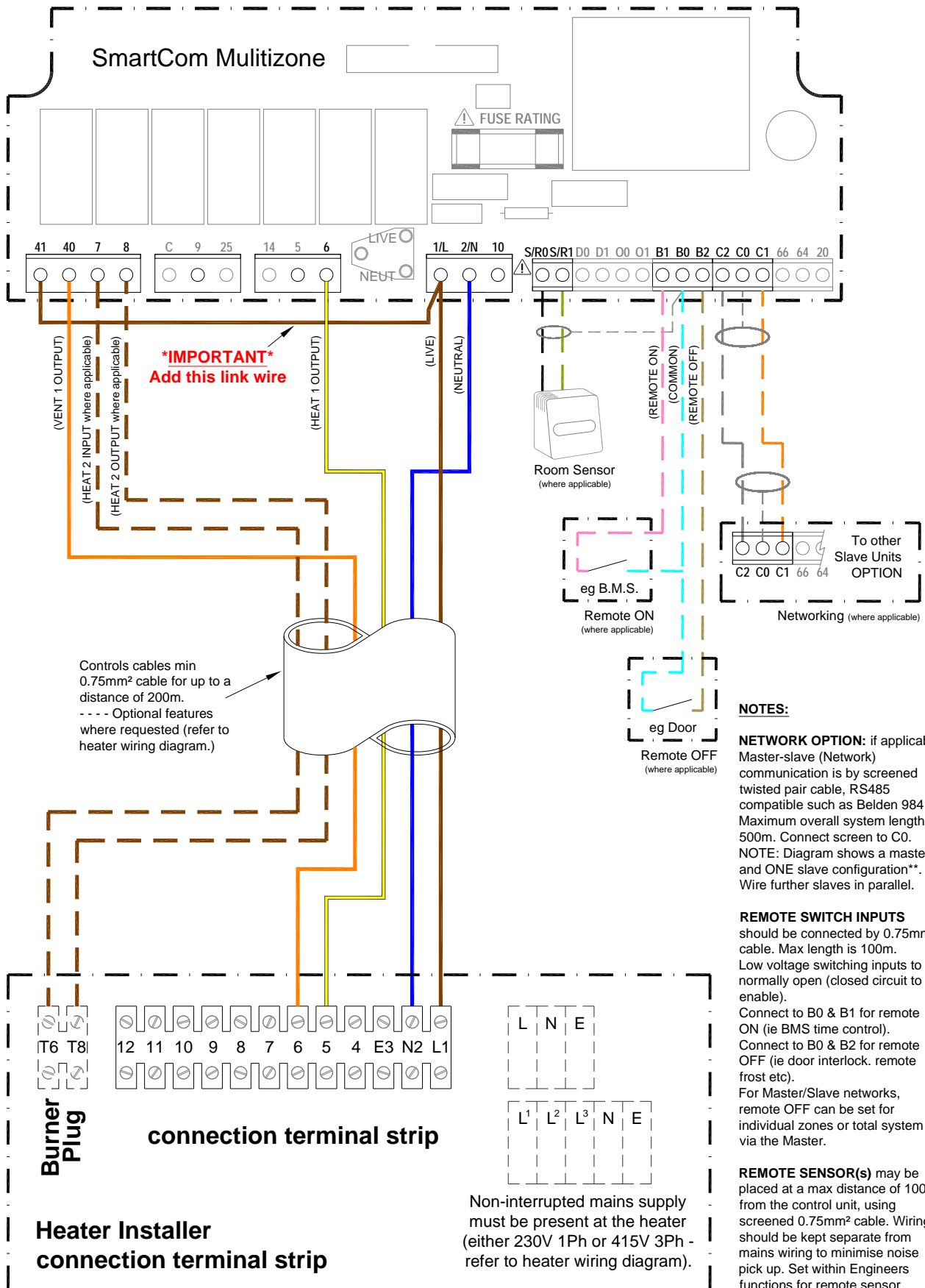
eg B.M.S.
Remote ON
(where applicable)



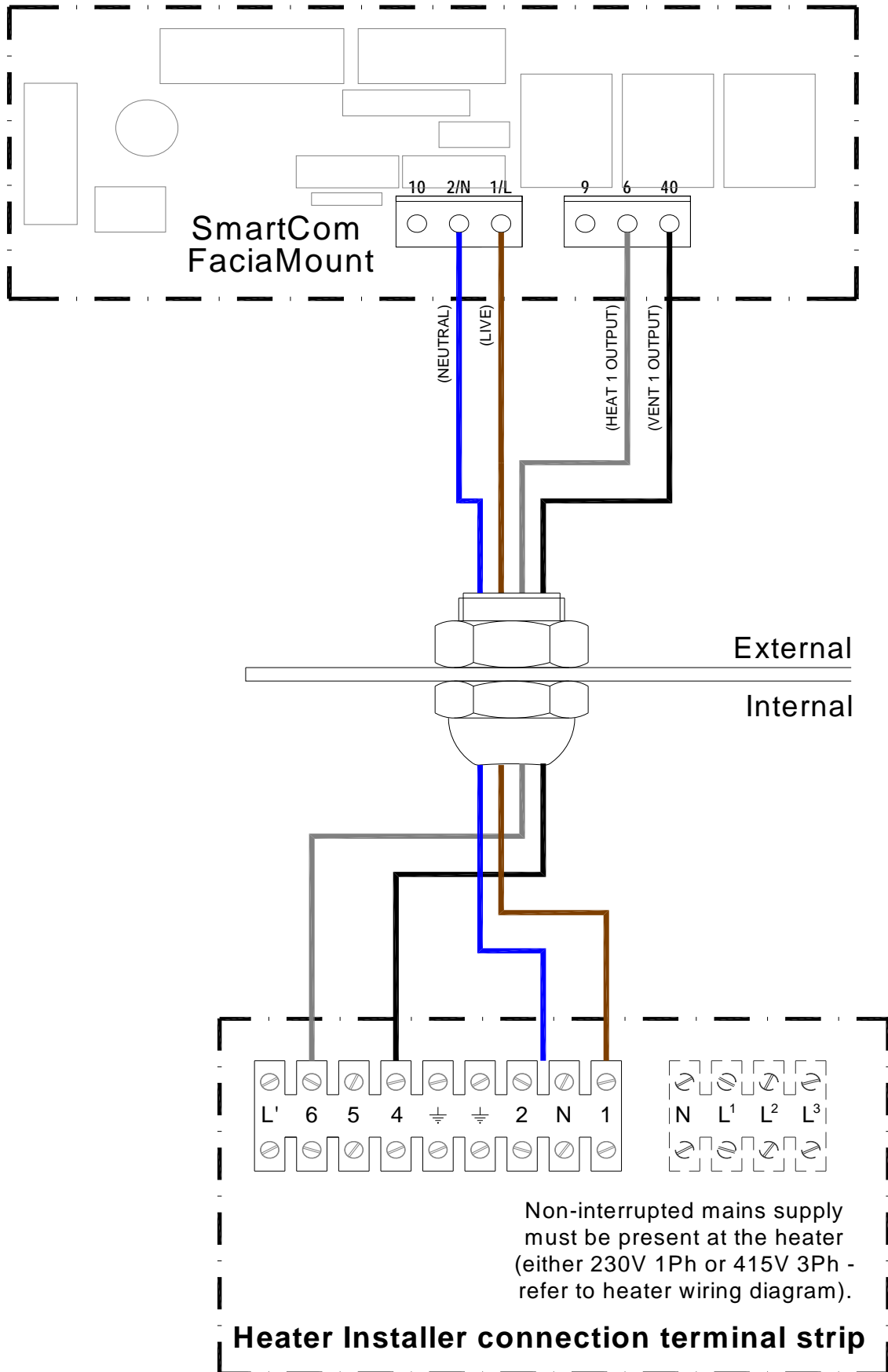
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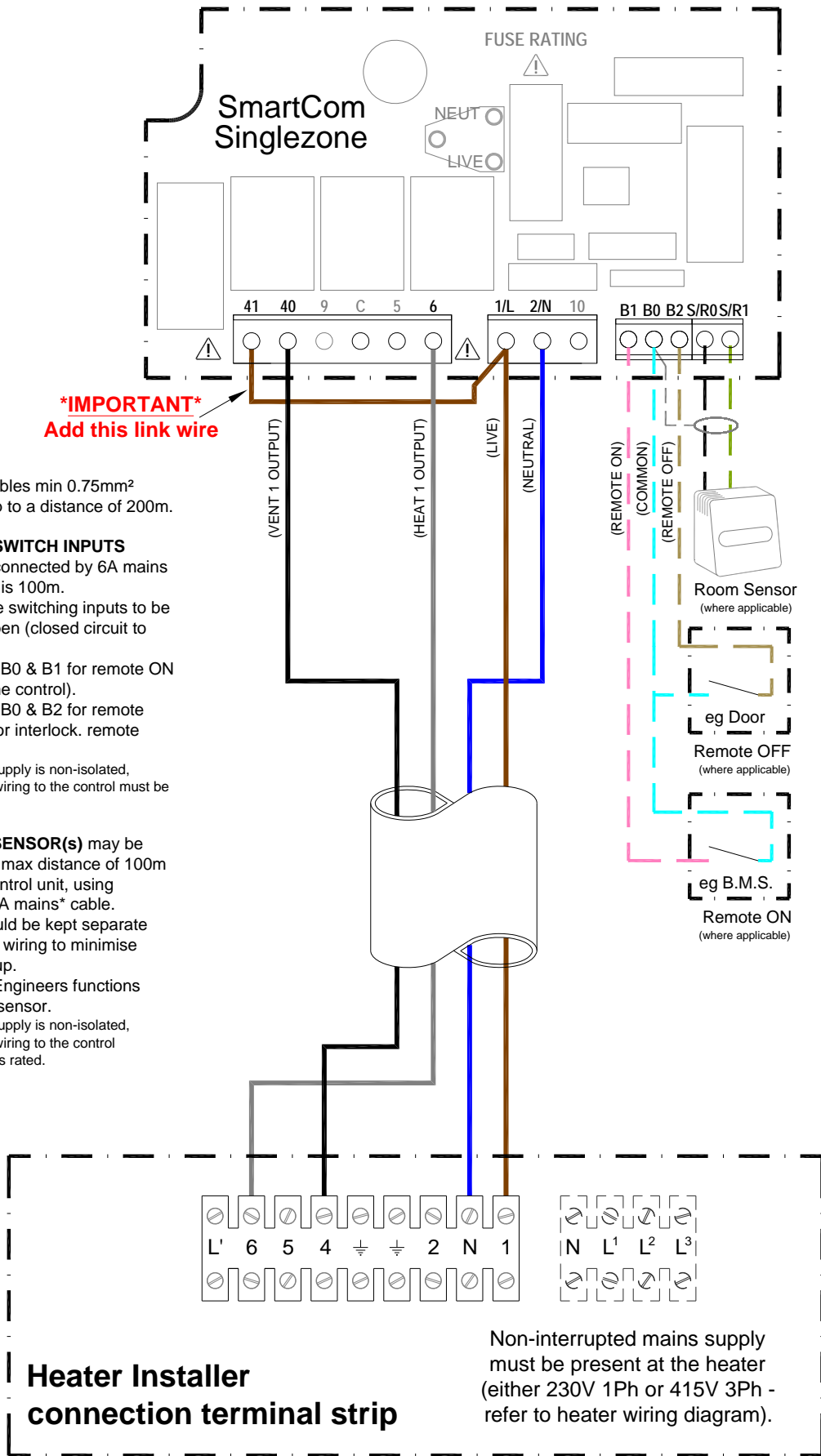
6 Two Stage (hi/low) or Network Gas & Oil Cabinet Heaters to remote SmartCom³ MZ.



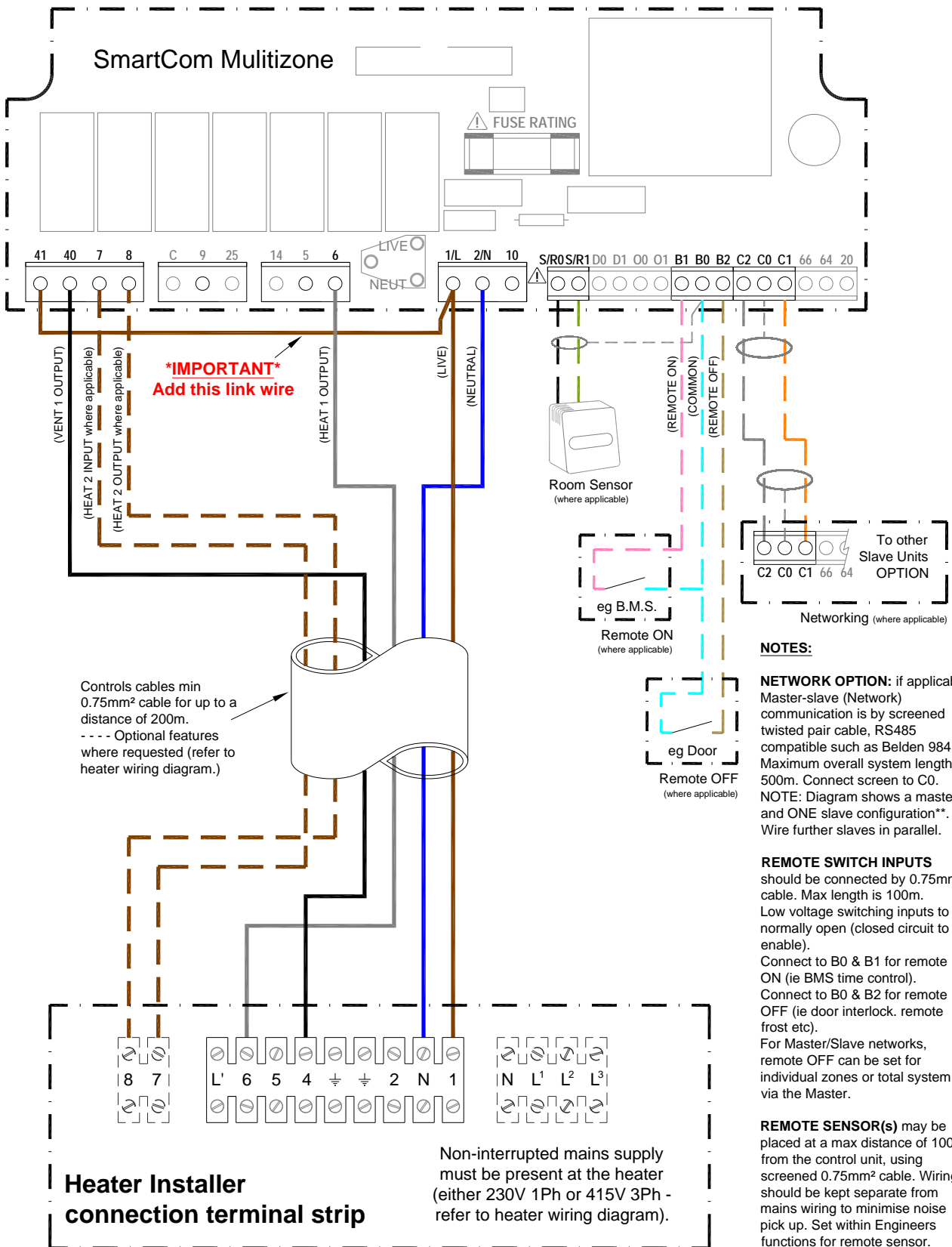
7 Single Stage (on/off) VCH Cabinet Heaters with Integral SmartCom³ FM .



8 Single Stage (on/off) VCH Cabinet Heaters to remote SmartCom³ SZ .



9 Two Stage (hi/low) or Network VCH Cabinet Heaters to remote SmartCom³ MZ.



AMBIRAD

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