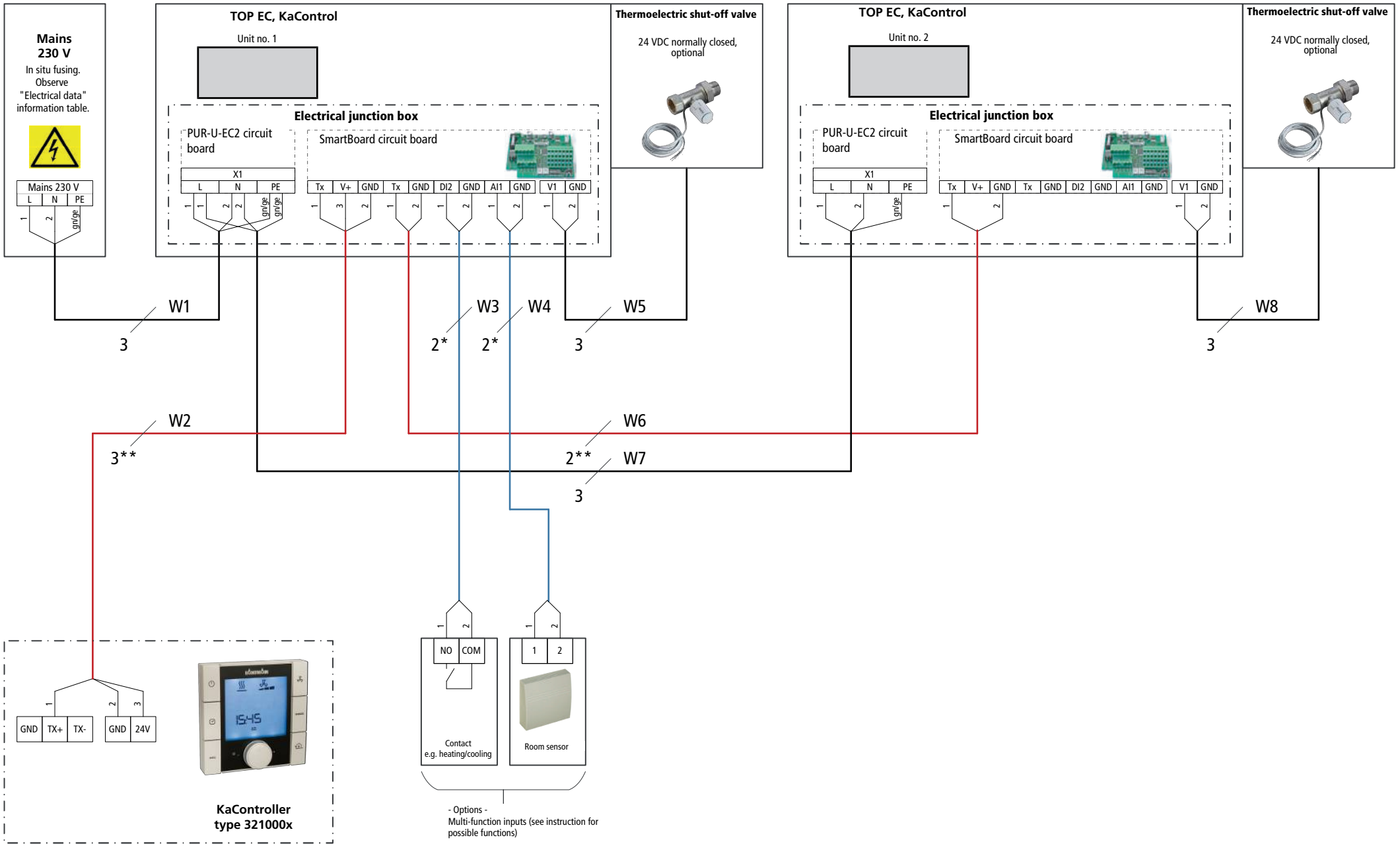
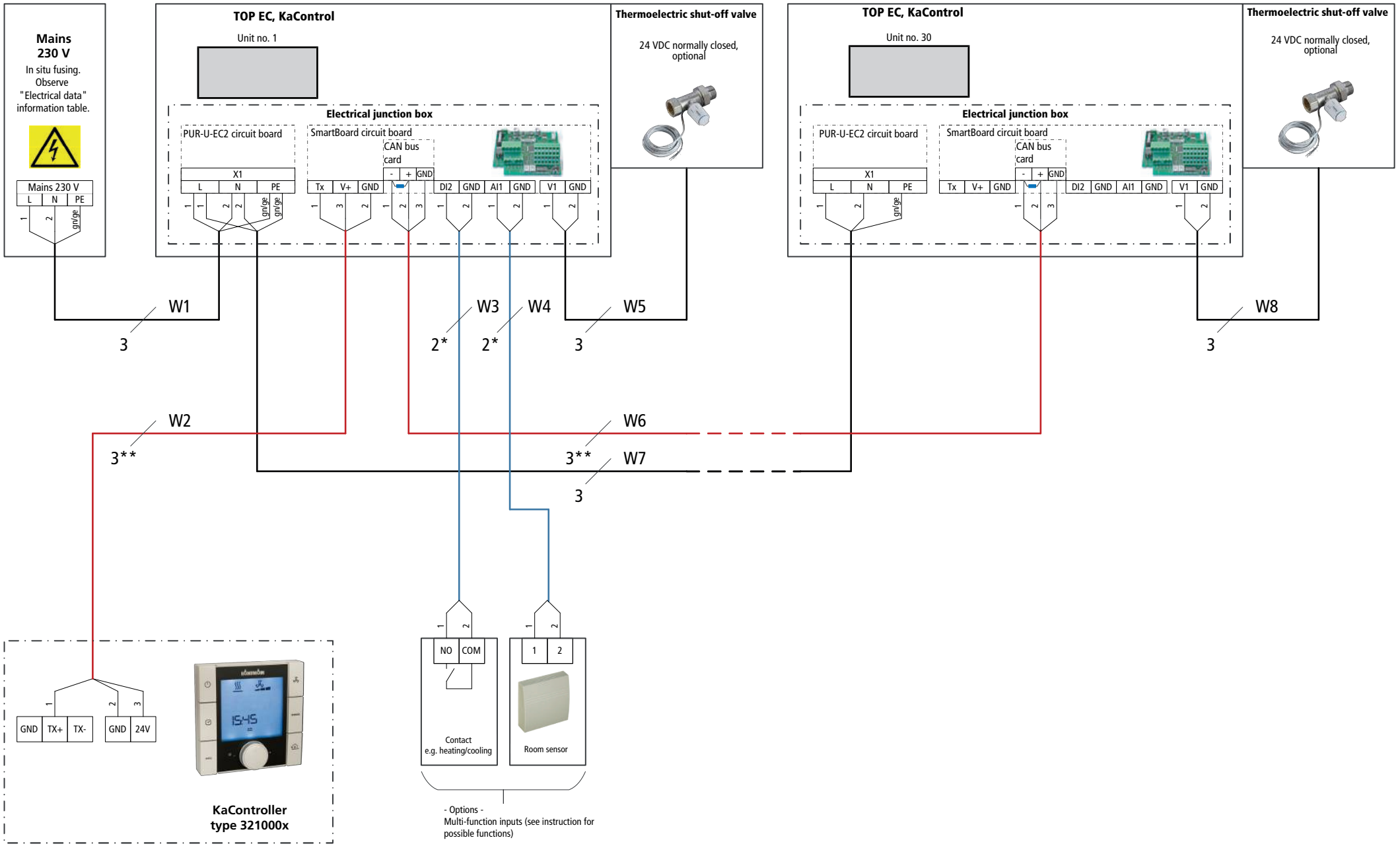
Observe these points in the following installation diagrams with KaControl:

- Comply with the details on cable types and cabling with due consideration for VDE 0100.
- Without *: NYM-J. The requisite number of wires, including protective conductor, is stated on the cable. Cross-sections are not stated, as the cable length is involved in the calculation of the cross-section.
- With *: J-Y(ST)Y 0.8mm. Lay separately from power lines.
- With **: Lay UNITRONIC BUS LD 0.22 mm² or similar separately from high-voltage cables.
- If other types of cables are used, they must be at least equivalent.
- Length of BUS cable from the KaController to unit 1: max. 30 m.
- Maximum number of parallel units: 2 units. With a CAN bus card type 3260301 (see Accessories) needed for each unit and a terminal resistor on the first and last unit, maximum 30 no.
- Length of BUS cable from unit 1 to unit 2 max. 30 m. With each unit, requisite CAN bus card type 3260301 (see accessories), maximum 500 m.
- Length of cable for room sensor and switching contact maximum 30 m, 1 mm², maximum 100 m.
- The terminals on the unit for the mains power supply are suitable for a maximum wire cross-section of 2.5 mm².
  Any RCCBs used must be pulsating current-sensitive (type A). When the power supply to the unit is switched on, pulsed charging currents of the capacitors in the integrated EMC filter can cause FI safety devices to trip. A tripping current of 300 mA is recommended to ensure the highest possible operating reliability.
- The electrical data need to be respected when rating the in situ mains power supply and fusing.

Cabling TOP (*C1), activation via KaController type 321000x, 2-wire, valve 24 VDC, open/closed



Cabling TOP (*C1), activation via KaController type 321000x, 2-wire, valve 24 VDC, open/closed, with CAN bus card



Cabling TOP (*C1), activation via in situ 0-10 VDC signal