

**Note these points in the following wiring diagrams for Venkon XL 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 earth, 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 mm<sup>2</sup> 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: 6 units. CANbus cards type 3260301 needed for each unit (see accessories) maximum 30 no. Length of BUS cable from unit 1 to the last unit max. 30 m. The cable length can be increased to 500 m using CANBUS cards type 3260301 (see accessories).
- The terminals on the unit for the mains power supply are suitable for a maximum wire cross-section of 2.5 mm<sup>2</sup>.
- The electrical data need to be respected when rating the in situ mains power supply and fusing.



