



Installation Instructions

SubstiTUBE® T8

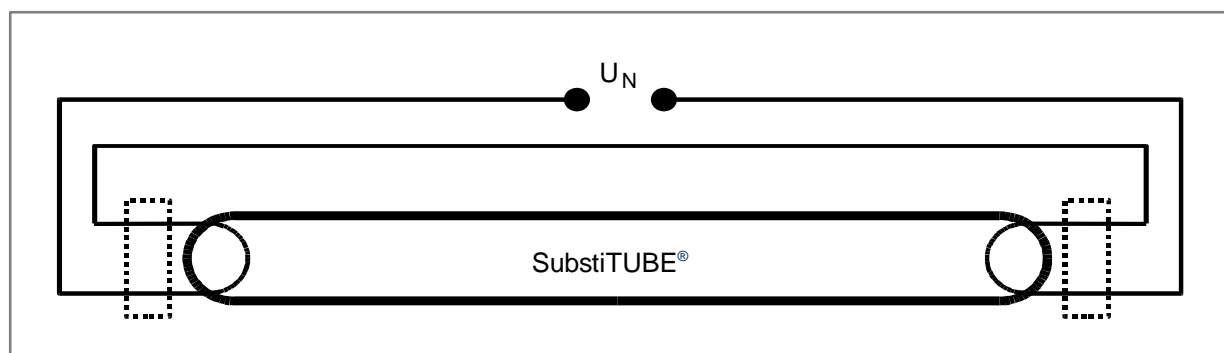
AC-Types T8

1. Conversion / Direct Wiring

Direct line voltage connection SubstiTUBE® T8 AC can only be operated in line voltage (220-240V) AC.

Thus **SubstiTUBE® T8 AC** can be inserted in any G13 lamp holders. All wires need to be approved for the existing voltages and appliance class. Usually solid wires with single isolation can be used for class I, double insulation wires could be used for class II. The maximum wire cross-section for lamp holders and starters is typically 0.5mm^2 . Built-in control gears must not remain connected after rewiring.

Direct wiring circuit diagram of a retrofitted luminaire



AC-Types T8

1. Conversion / Direct Wiring

Installation instruction:

Note: Rewiring by qualified electricians only.

- Make sure that the supply voltage is disconnected
- Remove the conventional lamp
- Remove power factor correction capacitor (if installed) to improve power factor
- Rewire the luminaire as shown in the circuit diagram on the page before

- Insert **SubstiTUBE**® T8 AC into lamp holders
- Make sure with appropriate tests, that the rewired luminaire complies to all relevant safety requirements and other applicable regulations, e.g. acc. to DIN VDE 0701-0702 or 2004/108/EC
- Mark rewired luminaire with new nameplate

Direct wiring circuit diagram of a retrofitted double lamp luminaire

