Reliability and service life

Provided the specified maximum values for the winding temperature are complied with, a service life of 10 years can be expected. Failure rate: ≤ 0.025%/1,000 hours.

Electrical installation

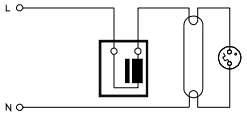
Connection terminals (combination terminals)

- Use copper (not stranded) wire
- Required diameter for push-in connection 0.5–1 mm²
- Stripped lead length 8 mm
- Required cross-section for IDC zone 0.5 mm²; max. ∅ 2 mm including insulation, no wire stripping required; mounting requires a special tool

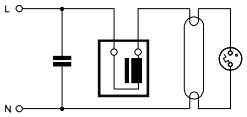
Push-in terminals The integrated terminals can only be used with rigid leads. Rigid leads: 0.5–1.5 mm². The stripped lead length totals 8 mm.

Wiring The wiring between the mains, ballasts and lamps must comply with the respective circuit diagram.

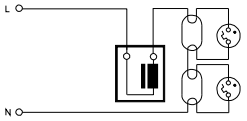
Circuit diagrams for the operation of fluorescent lamps with Vossloh-Schwabe electromagnetic ballasts



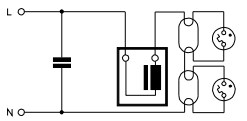
Inductive single circuit



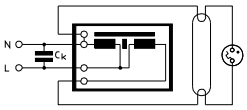
Parallel-compensated single circuit



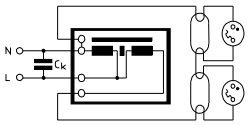
Inductive tandem circuit



Parallel-compensated tandem circuit



Parallel-compensated single circuit with high-reactance transformer



Parallel-compensated tandem circuit with high-reactance transformer