E-counters

Schematics

Grounding terminal

The grounding terminals required for the transmission technology for 7KT1 520 and 7KT1 521 versions only serve to shield the transmission cables and do not have a protective function.

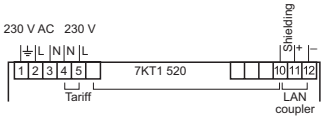
Rate switchover

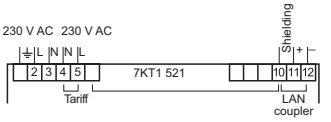
If there is a voltage of 230 V AC at terminals 4 and 5, the rate is switched to 2.

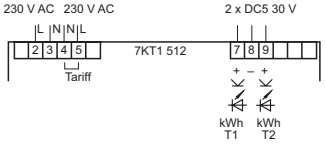
Instructions for the connection of transformer counters

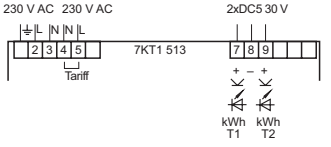
In the case of cross-section reduction, a short-circuit resistant cable is required for the power supply of terminals L1, L2 and L3 depending on the fusing for phases L1, L2 and L3. A fuse of 6 A is recommended for line protection.

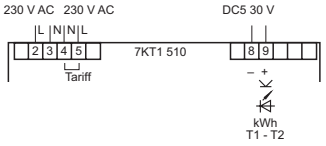
Current transformers must not be operated with open terminals as this can result in dangerously high voltages, which may cause personal injury and/or property damage. It can also lead to a thermal overload of the transformers.

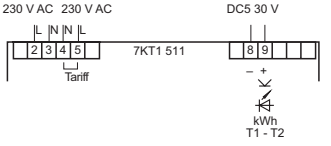


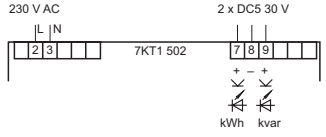


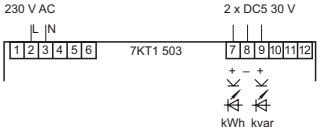


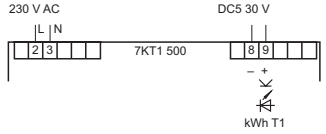


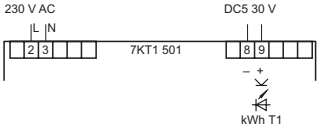


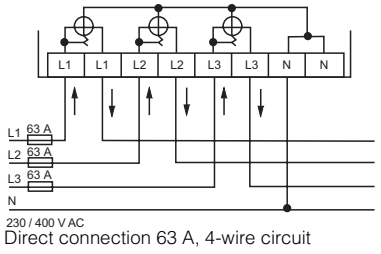




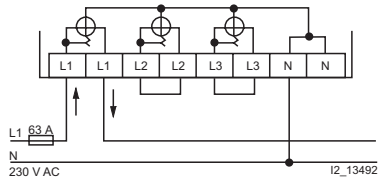




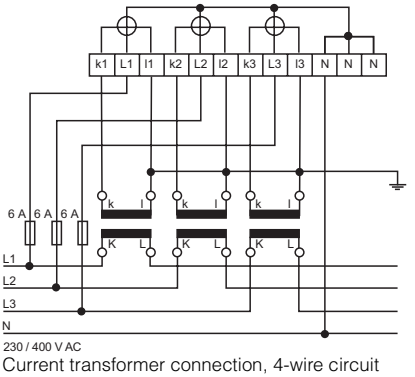




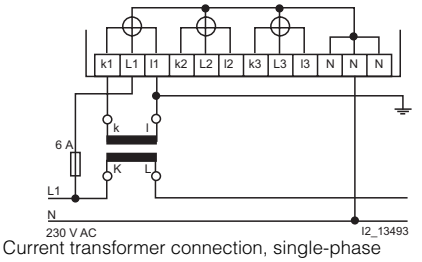
Direct connection 63 A, 4-wire circuit



Direct connection 63 A, single-phase



Current transformer connection, 4-wire circuit



Current transformer connection, single-phase