

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.

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 the line protection.

Current transformers must not be operated with open terminals. as this may cause dangerous high voltages, which may result in personal injuries and property damage. In addition to this, the transformers are exposed to thermal overload.

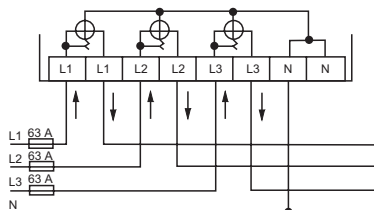
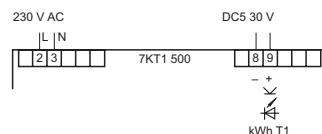
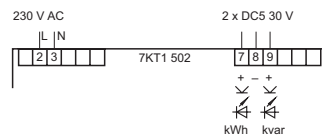
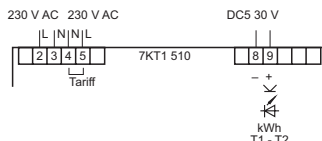
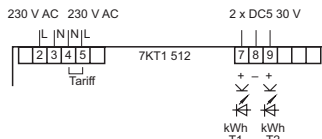
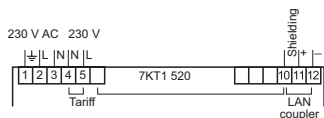
Rate switchover

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

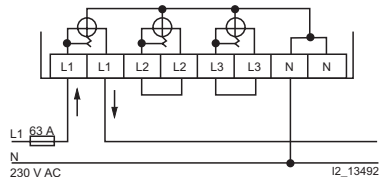
Measuring Devices

7KT1 5

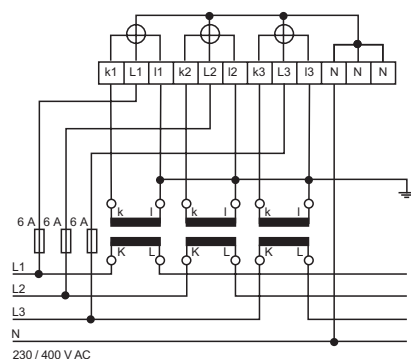
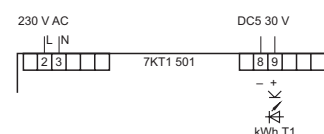
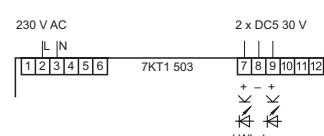
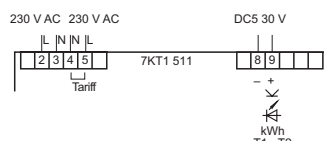
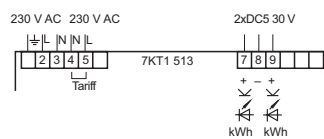
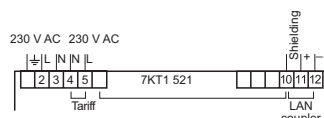
E-counters, three-phase



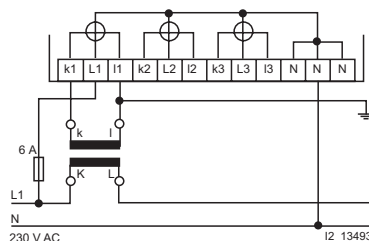
230 / 400 V AC
Direct connection 63 A, 4-wire circuit



230 V AC
Direct connection 63 A, 1-phase



230 / 400 V AC
Current transformer connection, 4-wire circuit



230 V AC
Current transformer connection, 1-phase