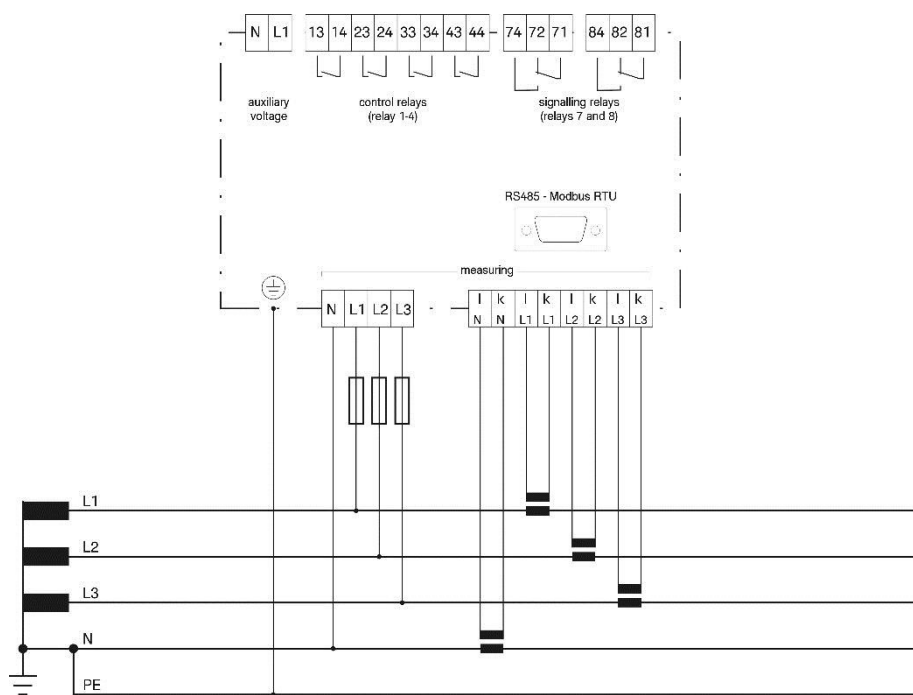


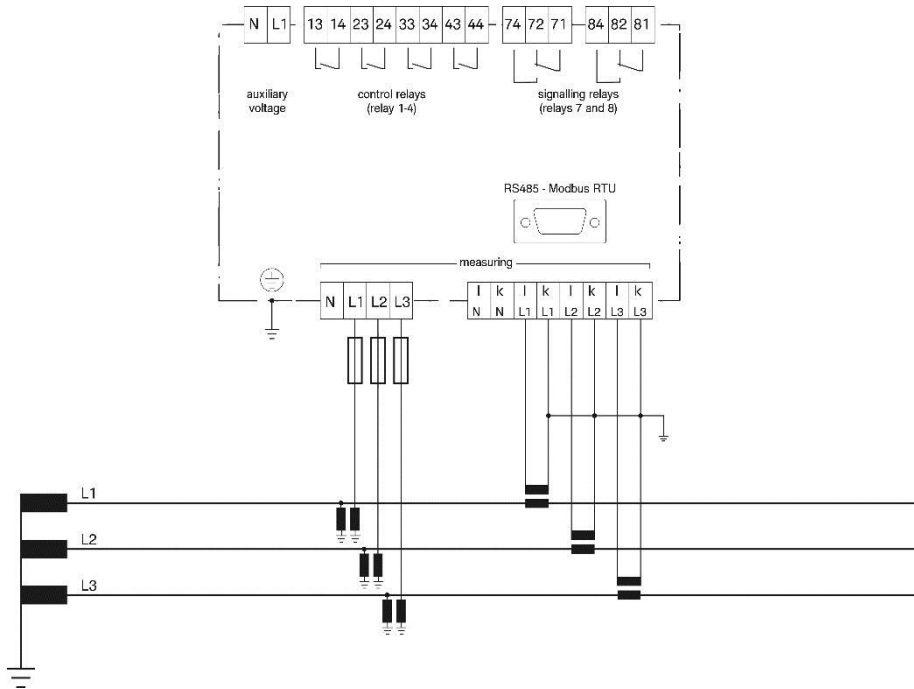
## 5 Connection diagrams

The EMM5 can be used in power systems with or without the neutral conductor. Below measurements in systems with L1/L2/L3 and N (PEN) are called four-wire measurement. Measurements in systems without N are called three-wire measurement.

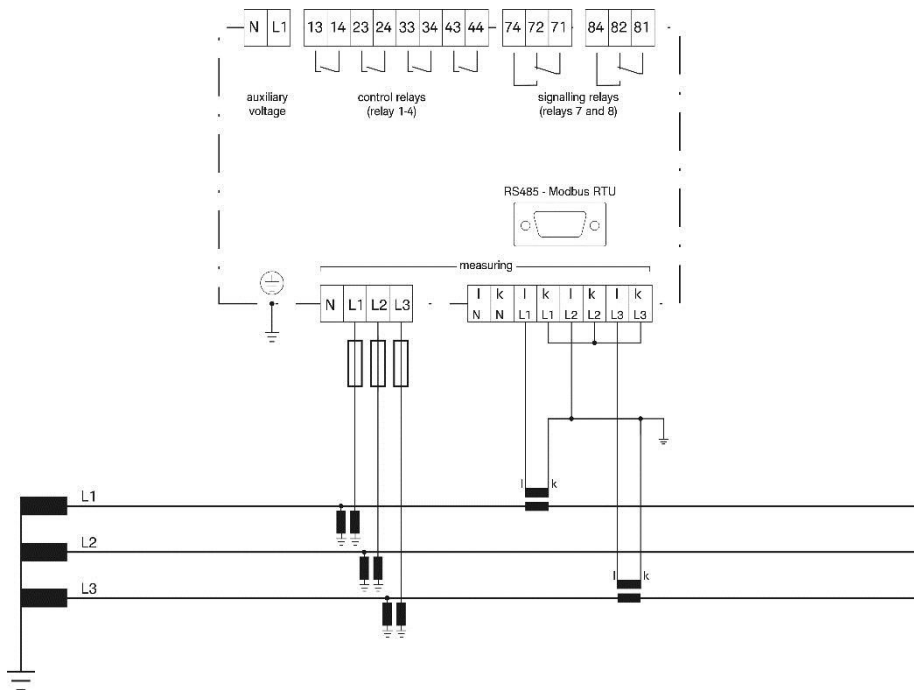
### 5.1 3-phase measurement with neutral conductor and four current transformers (four-wire measurement)



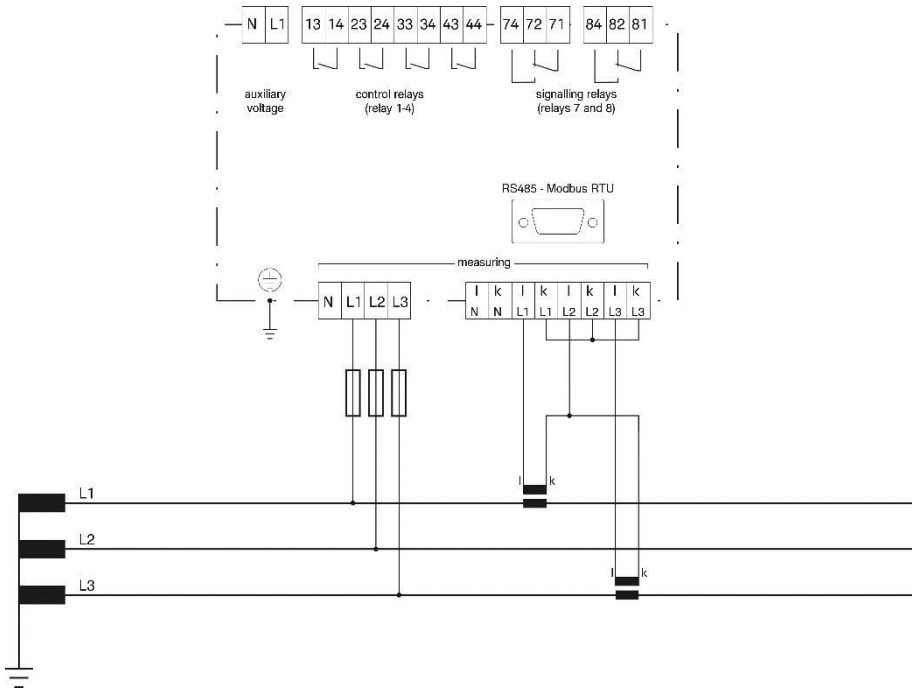
### 5.2 3-phase measurement without neutral conductor with three current- and three voltage transformers (three-wire measurement)



### 5.3 3-phase measurement with two current- and three voltage transformers (three-wire measurement)



### 5.4 3-phase measurement with two current transformers (three-wire measurement)



### 5.5 3-phase measurement with three current transformers and measured neutral conductor current (four-wire measurement)

