



Tangle Tamers
Electrical Engineers Ltd

Disclaimer

These background notes contain various information and opinions based on events and facts investigated. As with engineering judgement, 'opinions' are formulated based upon a review of the available evidence at a certain time and specific location.

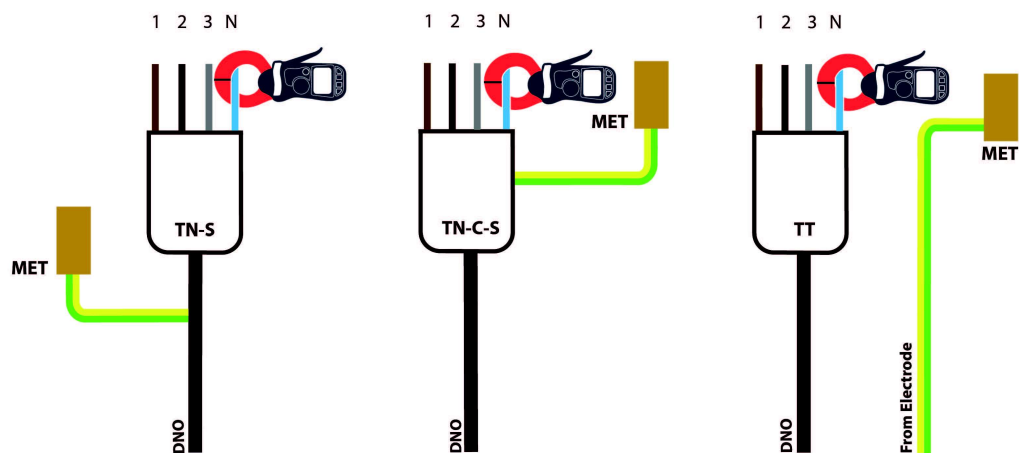
The background information is general in nature, indicating tendencies we have observed on various sites. We have taken all reasonable steps and exercised due care and attention while compiling these items. However, errors can happen, and specific equipment and circumstances can change outcomes significantly. Therefore care should be exercised before designing or basing decisions on these items without further expert input.

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3-PHASE

NEUTRAL MEASUREMENT

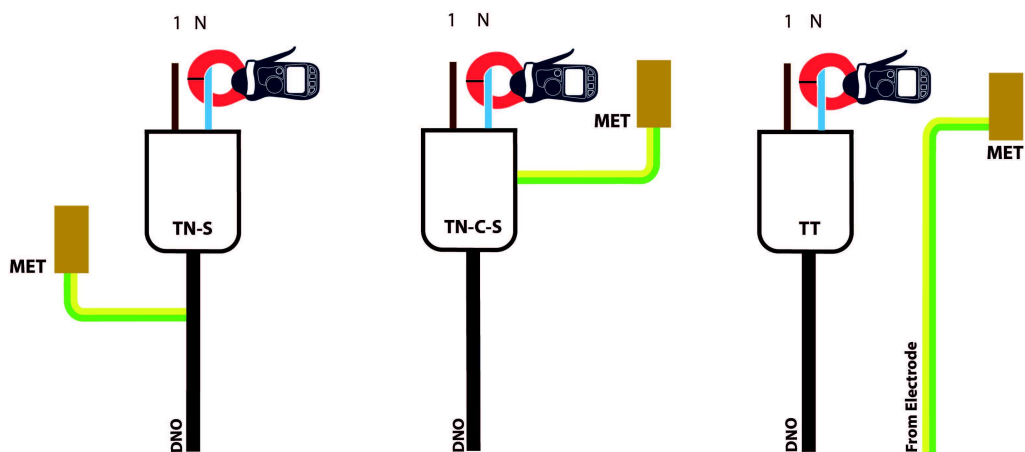


1 - L1 - Brown
2 - L2 - Black
3 - L3 - Grey
N - Neutral - Blue
MET - Main Earth Terminal



1-PHASE

NEUTRAL MEASUREMENT

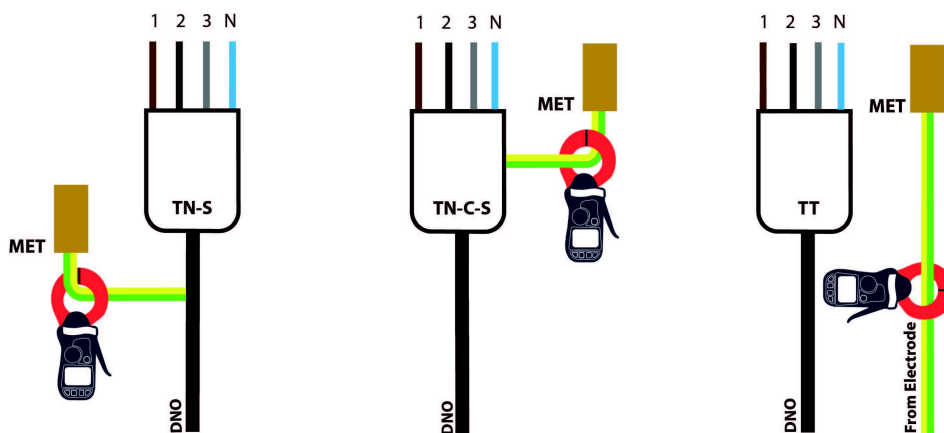


1 - L1 - Brown
N - Neutral - Blue
MET - Main Earth Terminal



3-PHASE

EARTH CURRENT MEASUREMENT MAIN EARTH CONDUCTOR CURRENT, AKA EARTH CURRENT, AKA PROTECTIVE CONDUCTOR CURRENT. NB BEWARE OF METAL WORK & OTHER CURRENT PATHS.

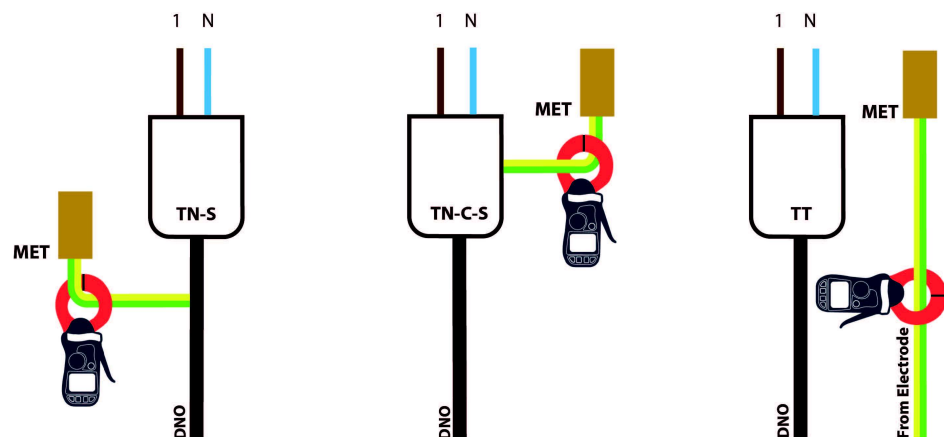


1 - L1 - Brown
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1-PHASE

EARTH CURRENT MEASUREMENT, MAIN EARTH CONDUCTOR CURRENT, AKA EARTH CURRENT, AKA PROTECTIVE CONDUCTOR CURRENT. NB BEWARE OF METAL WORK & OTHER CURRENT PATHS.

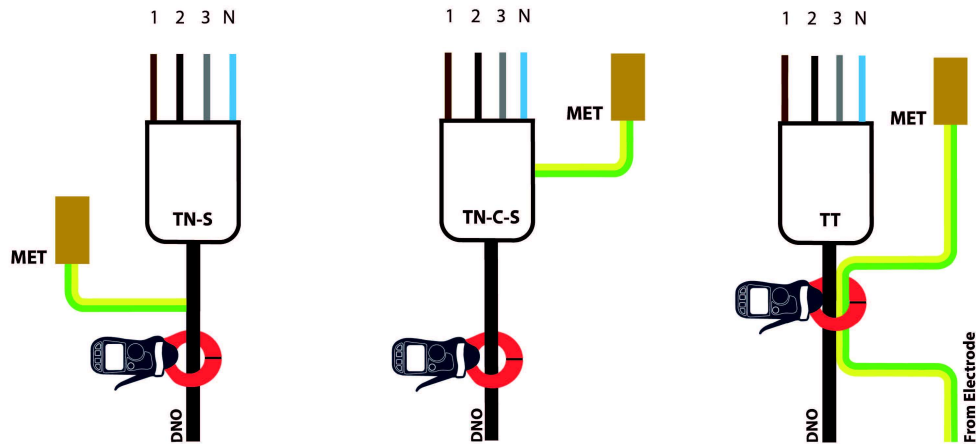


1 - L1 - Brown
N - Neutral - Blue
MET - Main Earth Terminal



3-PHASE

NET CURRENT MEASUREMENT

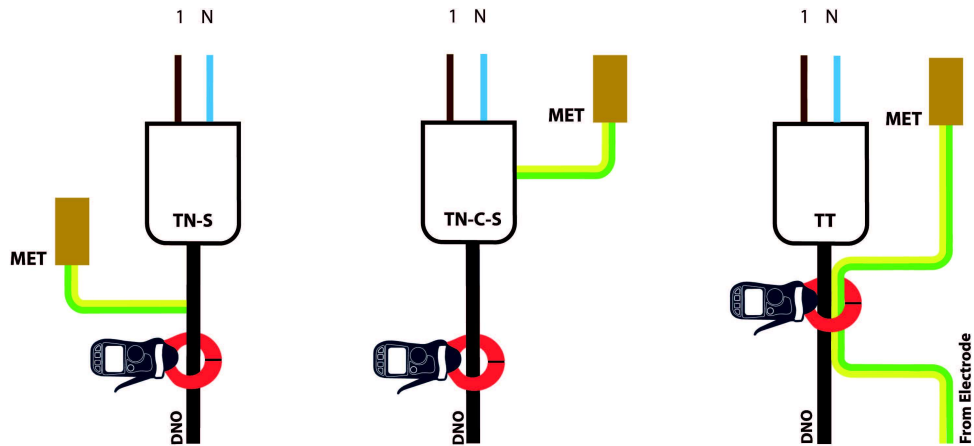


1 - L1 - Brown
2 - L2 Black
3 - L3 Grey
N - Neutral - Blue
MET - Main Earth Terminal



1-PHASE

NET CURRENT MEASUREMENT

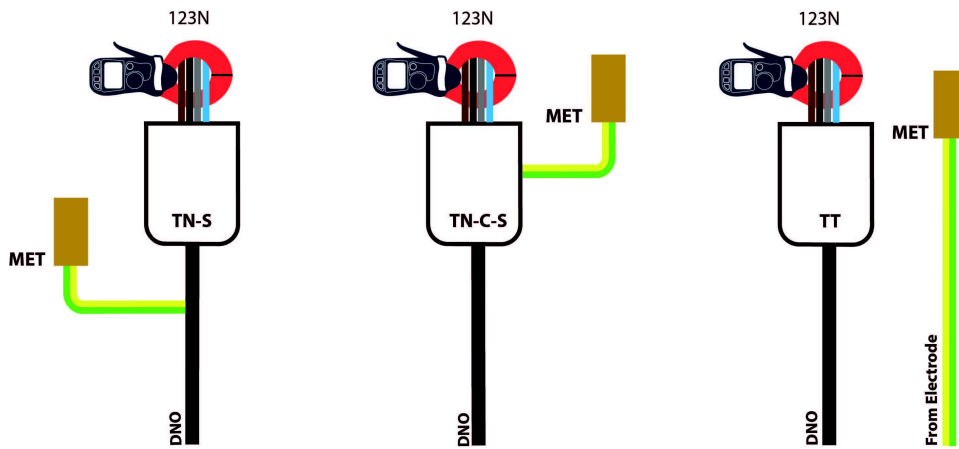


1 - L1 - Brown
N - Neutral - Blue
MET - Main Earth Terminal



3-PHASE

RESIDUAL CURRENT MEASUREMENT, AKA CORE BALANCE CURRENT, AKA LEAKAGE CURRENT MEASUREMENT.

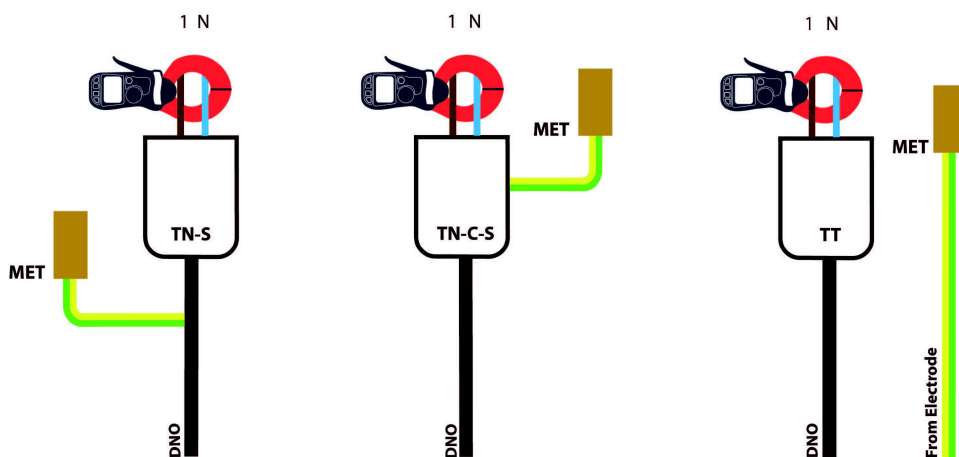


1 - L1 - Brown
2 - L2 - Black
3 - L3 - Grey
N - Neutral - Blue
MET - Main Earth Terminal



1-PHASE

RESIDUAL CURRENT MEASUREMENT, AKA CORE BALANCE CURRENT, AKA LEAKAGE CURRENT MEASUREMENT.

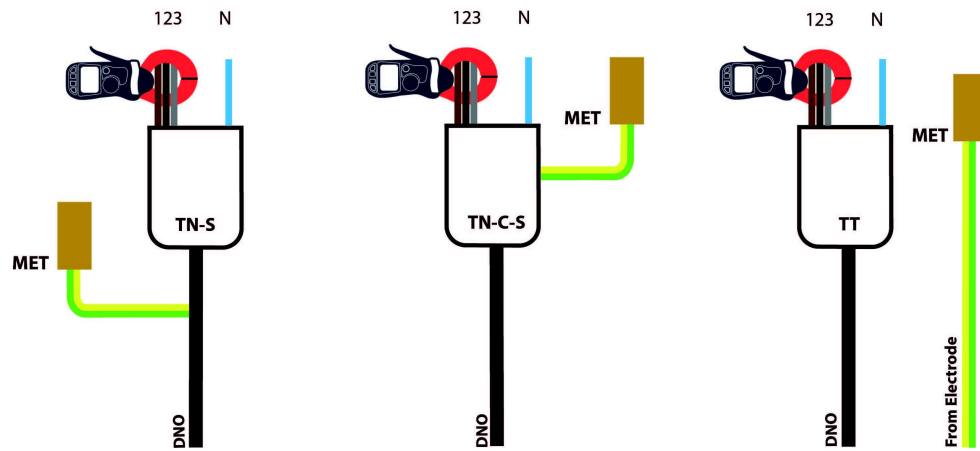


1 - L1 - Brown
N - Neutral - Blue
MET - Main Earth Terminal



3-PHASE

PHASE BALANCE CURRENT MEASUREMENT



1 - L1 Brown

2 - L2 Black

3 - L3 Grey

N - Neutral - Blue

MET - Main Earth Terminal