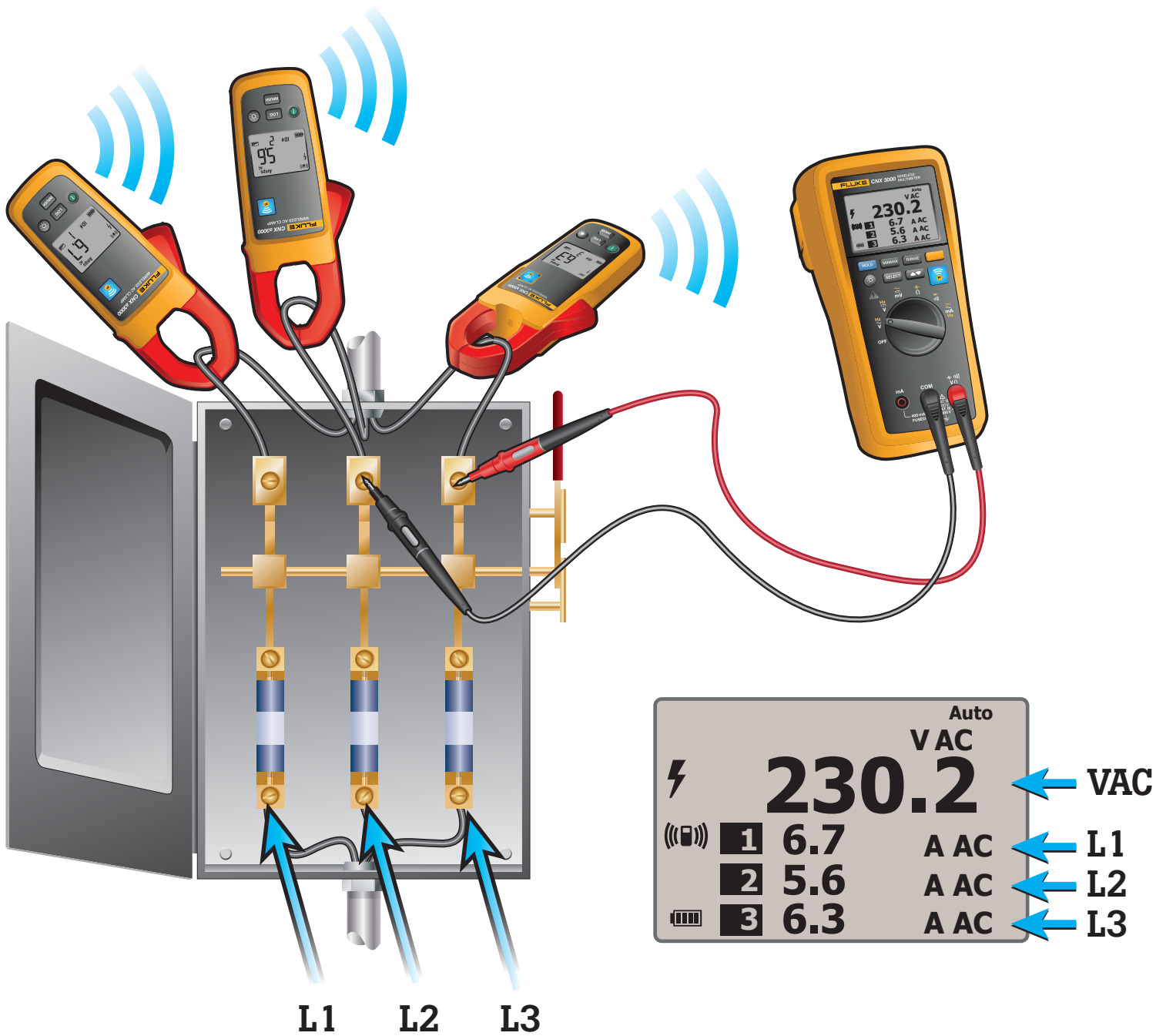
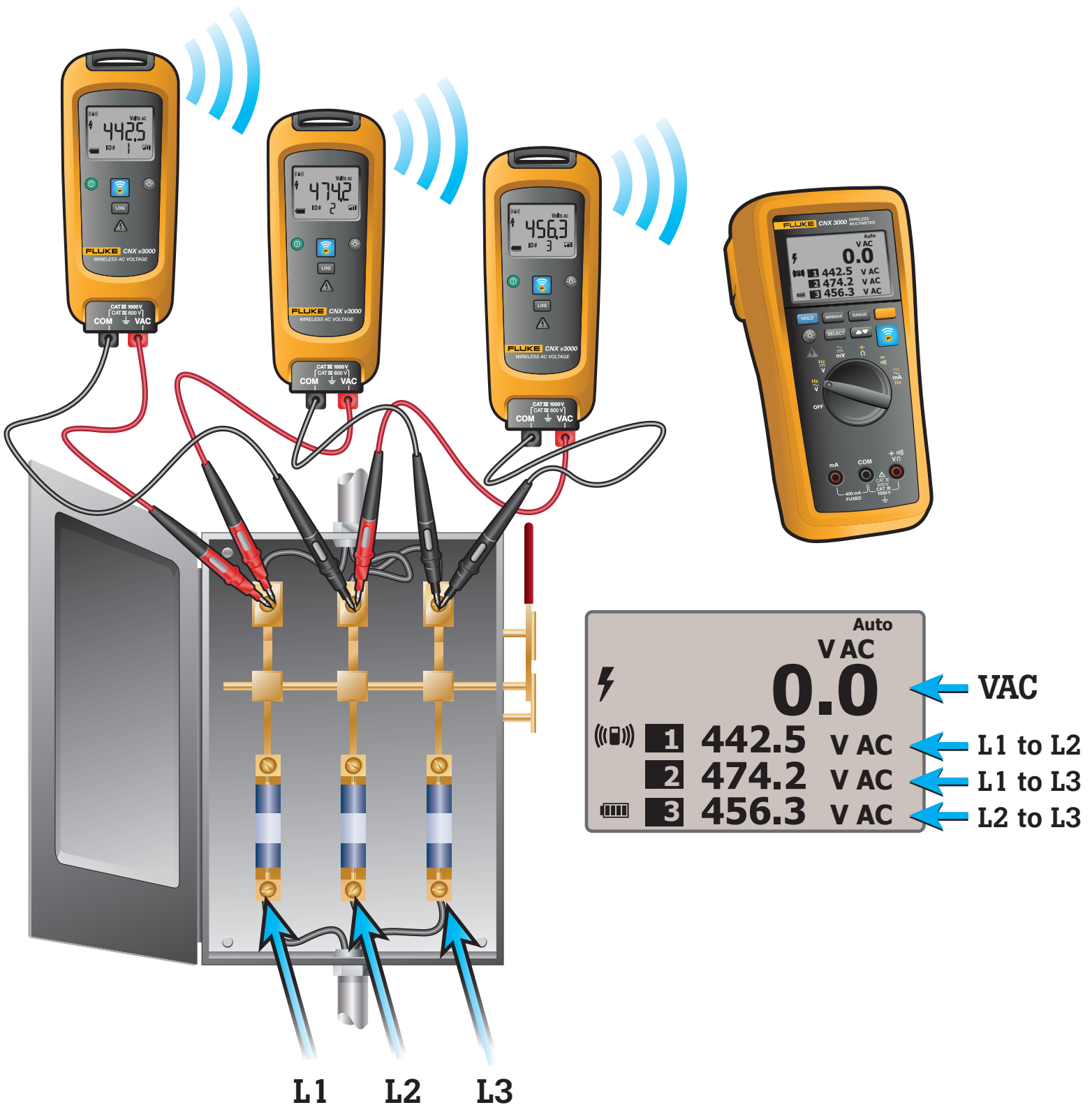


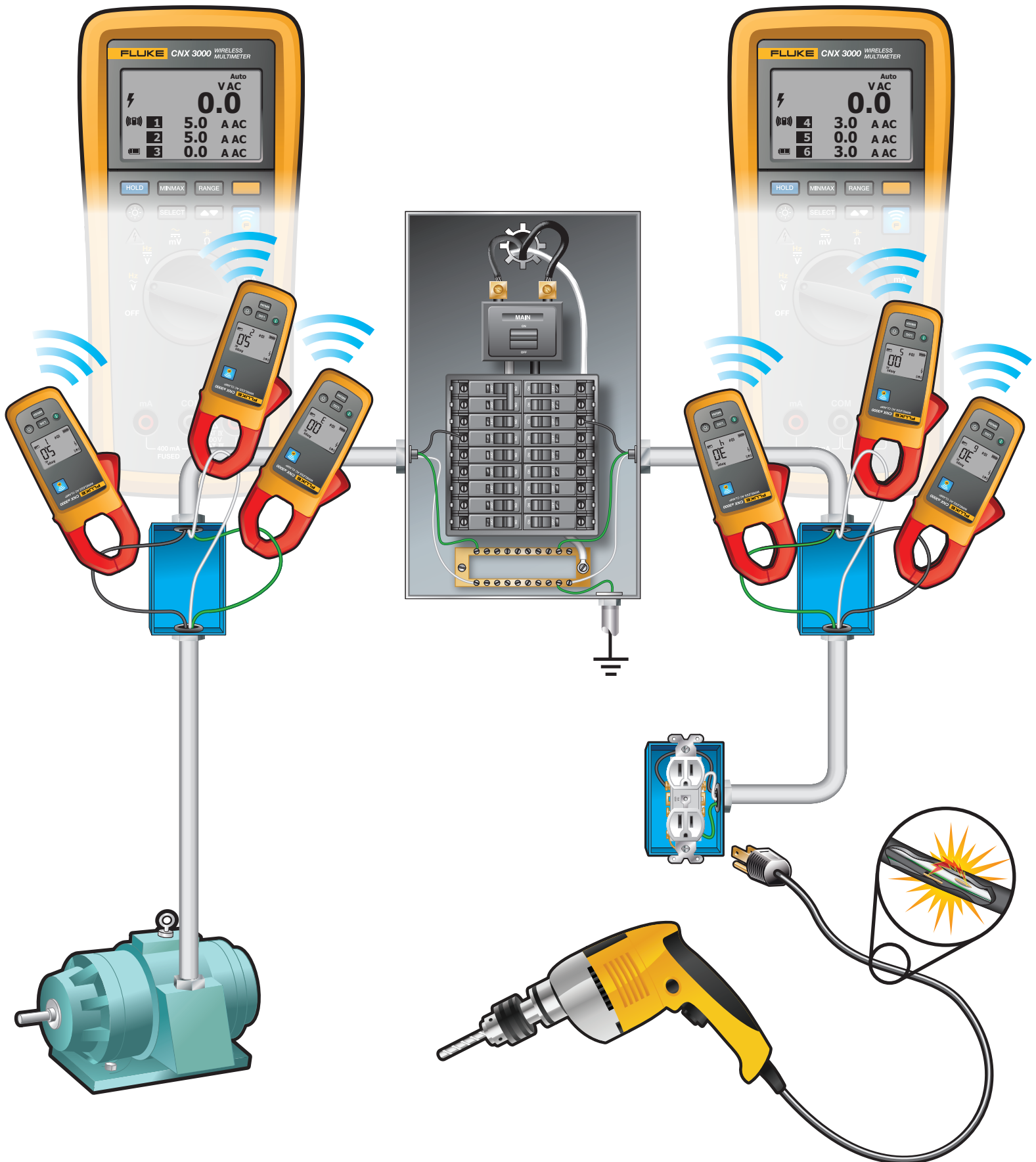
Measure incoming current



Measure voltage imbalance

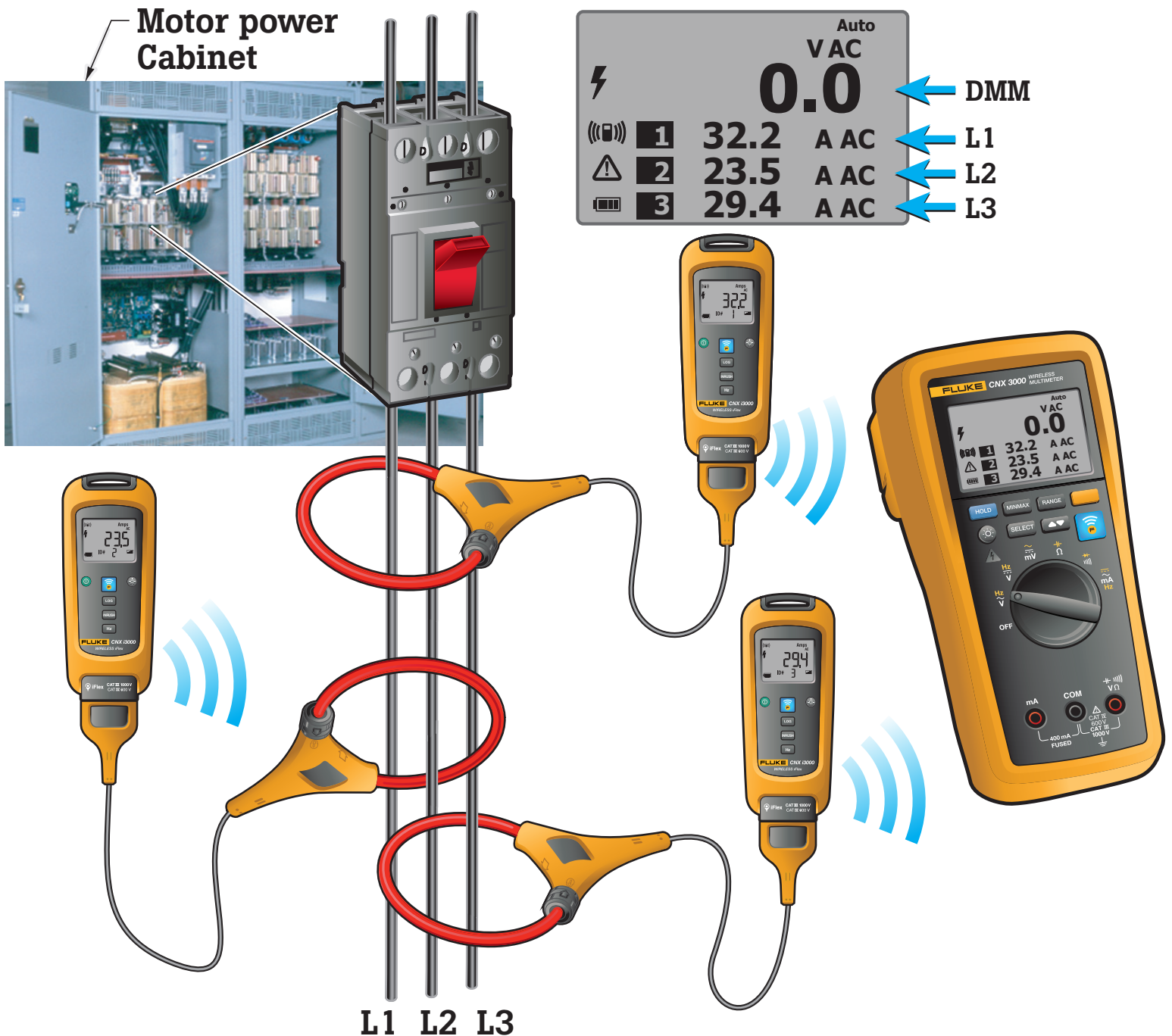


Measuring Ground Fault Currents



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Determining current imbalance



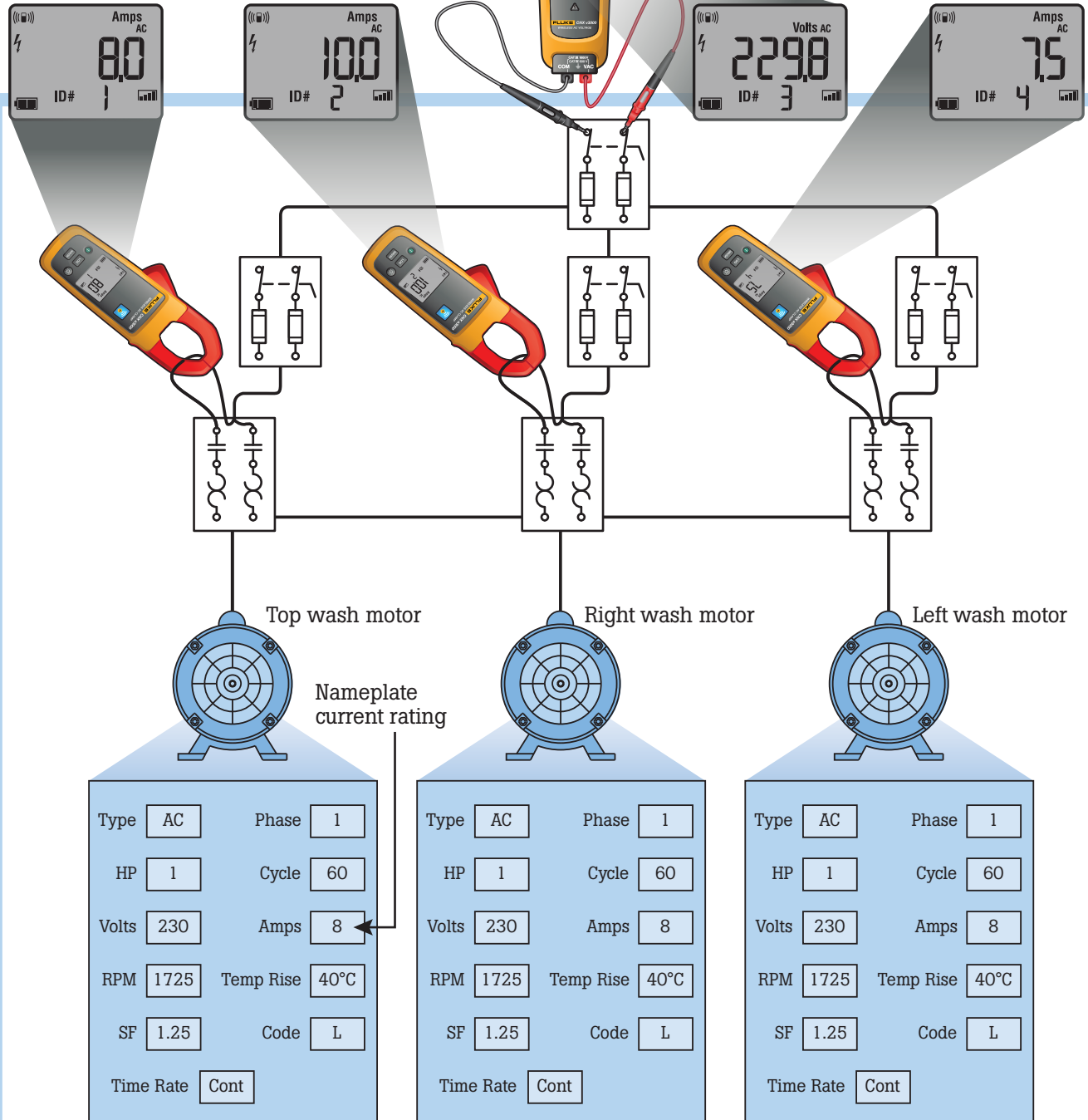
Load study

Motor fully loaded
Motor nameplate 8 A,
meter reads 8 A

Motor overloaded
Motor nameplate 8 A,
meter reads 10 A

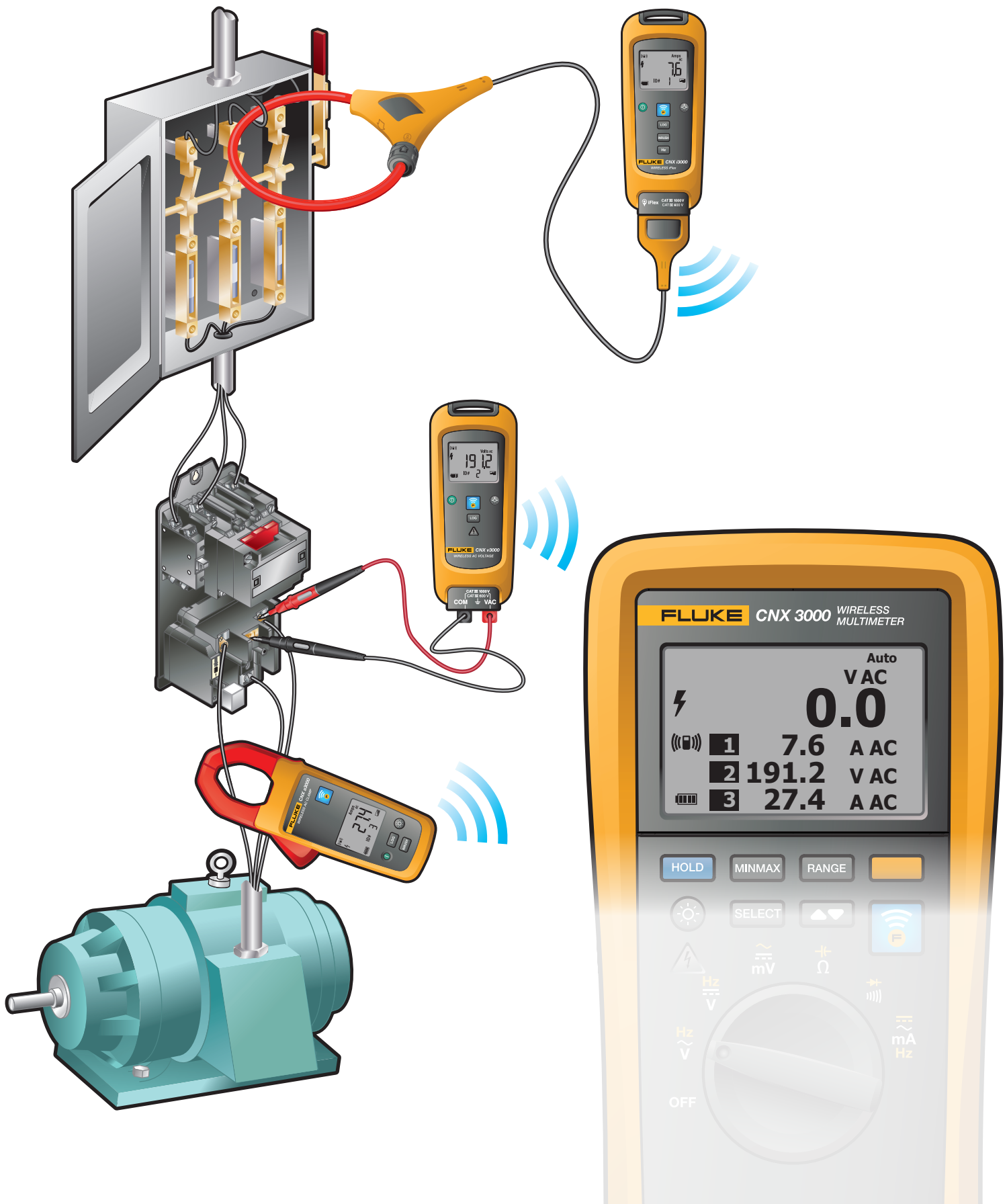
System volts

Motor underloaded
Motor nameplate 8 A,
meter reads 7.5 A

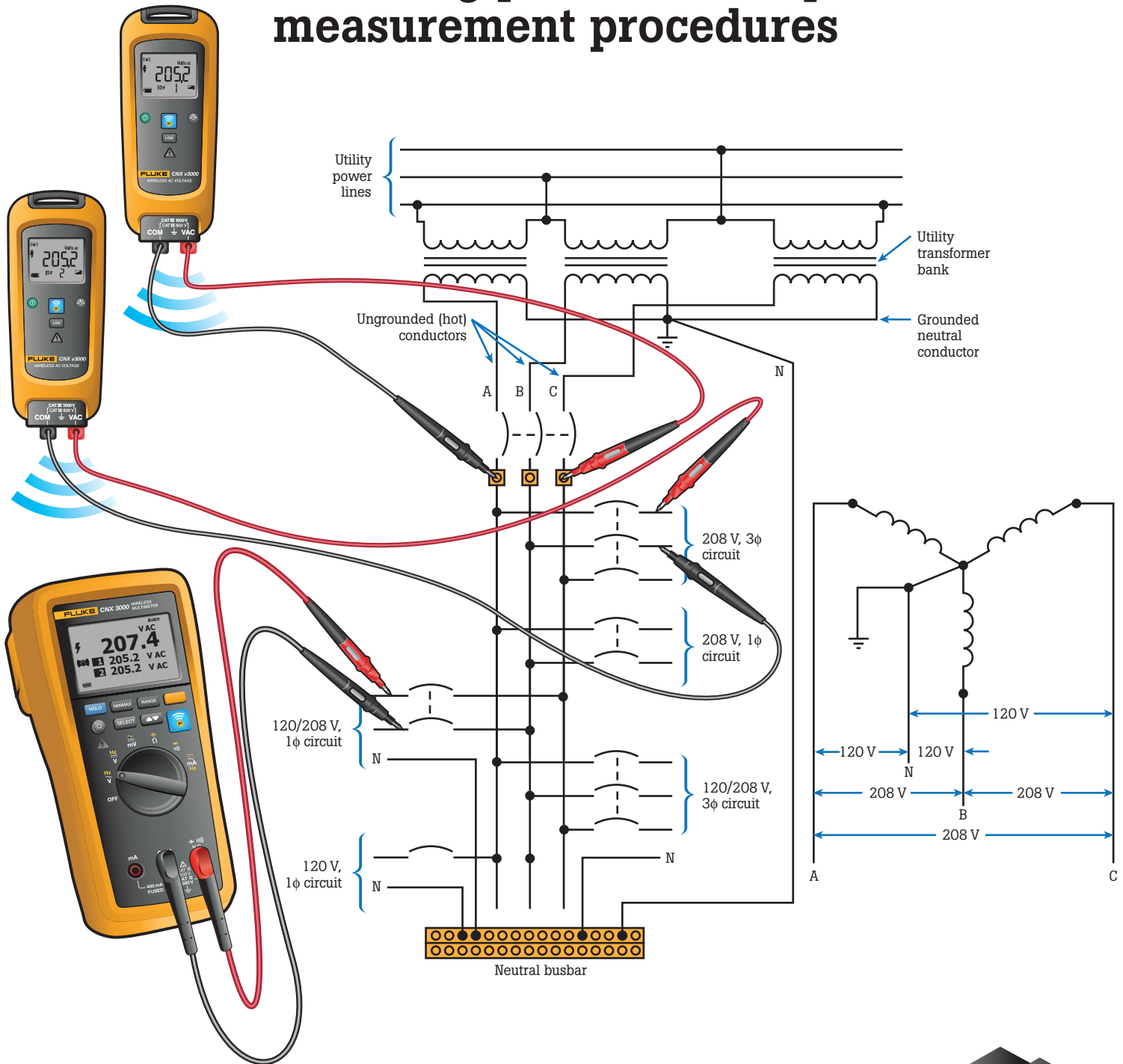


Car wash system

Single phase measurement procedures



Detecting power interruption – measurement procedures



A to N
B to N
C to N

Single-Pole (SP)
or 1-Pole

**115 V, 1φ
general-purpose circuits**

A to B
B to C
C to A

Double-Pole (DP)
or 2-Pole

**208 V, 1φ
lighting and power circuits**

A to B
to C

Double-Pole (3P)
or 3-Pole

**208 V, 3φ
circuits**

Production Test

