SUPPLY POLARITY, THREE PHASE: TEN READINGS

WHICH READINGS SHOULD BE 400 VOLTS?

Same idea, more combinations. Between any line and neutral, or any line and earth, it's 230 V. Between two lines, 400 V. Neutral to earth, zero.

READINGS	EXPECT
N – L1 · N – L2 · N – L3	**230 V** each
E – L1 · E – L2 · E – L3	**230 V** each
N – E	**0 V**
L1 – L2 · L1 – L3 · L2 – L3	**400 V** each

Any other combination is incorrect supply polarity, and the same rule applies: stop.

Free section from Sparky Study Notes. The full Level 3 notes, 1,463 practice questions and the video lessons: sparkystudynotes.co.uk