Detecting power interruption – measurement procedures

Utility power lines

Utility transformer bank

Grounded neutral conductor

Ungrounded (hot) conductors

Utility power lines

Utility transformer bank

Grounded neutral conductor

120 V, 1φ circuit

208 V, 3φ circuit

120/208 V, 3φ circuit

120/208 V, 1φ circuit

Neutral busbar

A to N
B to N
C to N

Single-Pole (SP) or 1-Pole

A to B
B to C
C to A

Double-Pole (DP) or 2-Pole

A to B

208 V, 1φ lighting and power circuits

208 V, 3φ circuits

115 V, 1φ general-purpose circuits