TRANSFORMER CONNECTIONS
Series Connections of Low-Voltage Windings

**Delta-Delta**
Three-Phase Additive Polarity
High Voltage

**Star-Delta**
Three-Phase Additive Polarity
High Voltage

Note: Single-phase transformers should be thoroughly checked for impedance, polarity, and voltage ratio before installation.
Series Connections of Low-Voltage Windings

**Delta-Star**
High Voltage

Low Voltage
Three-phase Additive Polarity

**Star-Star**
High Voltage

Low Voltage
Three-phase Additive Polarity

*Note:* For additive polarity the H1 and the X1 bushings are diagonally opposite each other.
For subtractive polarity the H1 and the X1 bushings are directly opposite each other.