

Custom-built single-phase (1ph) autotransformers.

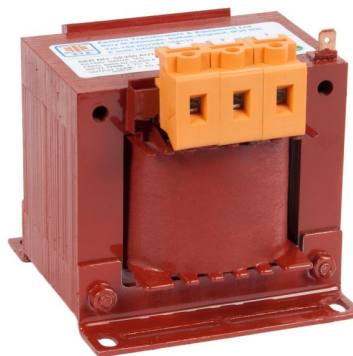
Can be either open or enclosed.

Non-safety isolating.

Insulation classes: Class E or Class F.

Ideal where the output voltage is similar to the input voltage and where safety isolation is not required.

Accessories include: plugs and sockets, castors, cooling fans, indicator lamps, meters, and mains isolator switches.



1ph autotransformer

A comprehensive range of custom-built single-phase (1ph) open or enclosed autotransformers.

Major reductions in both size and cost can be achieved using autotransformers. They should only be used in applications where an isolated output is not a safety requirement. Autotransformers are single winding units and offer no isolation between input and output circuits. They are frequently used to adjust voltages for exported or imported machines or equipment.

Our sales department will calculate the size and cost reductions where autotransformers can be utilised.

Autotransformer Type	Design and Specification Criteria
Single-phase open-type	Up to 1,000V and less than 500A; naturally air cooled
Single-phase enclosed in standard IP20 to IP23 enclosures	Up to 1,000V and less than 500A per phase; naturally air cooled or fan cooled
Single-phase enclosed in IP65 or Ex enclosures	Up to 1,000V and less than 500A (dependent on enclosure size); naturally air cooled utilising high grade core materials

Custom-built three-phase (3ph) autotransformers.

Can be either open or enclosed.

Non-safety isolating.

Insulation classes: Class E or Class F.

Ideal where the output voltage(s) are similar to input voltage(s) and safety isolation is not required.

Accessories include plugs and sockets, castors, cooling fans, indicator lamps, meters, and mains isolator switches.



3ph autotransformer

A comprehensive range of custom-built three-phase (3ph) open or enclosed autotransformers.

Major reductions in both size and cost can be achieved using autotransformers. They should only be used in applications where an isolated output is not a safety requirement. Autotransformers are single winding units and offer no isolation between the input and the output circuits. They are frequently used to adjust voltages for exported or imported machines or equipment.

Our sales department will calculate the size and cost reductions where autotransformers can be utilised.

Autotransformer Type	Design and Specification Criteria
Three-phase open-type	Up to 1,000V and less than 500A per phase, naturally air cooled
Three-phase in IP23 enclosures	Up to 1,000V and less than 500A per phase, naturally air cooled or fan cooled
Three-phase enclosed in IP65 or Ex enclosures	Up to 1,000V and less than 500A per phase (dependent on enclosure size); naturally air cooled utilising high grade core materials