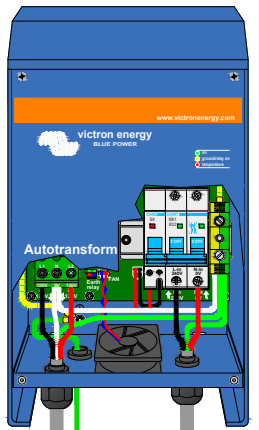
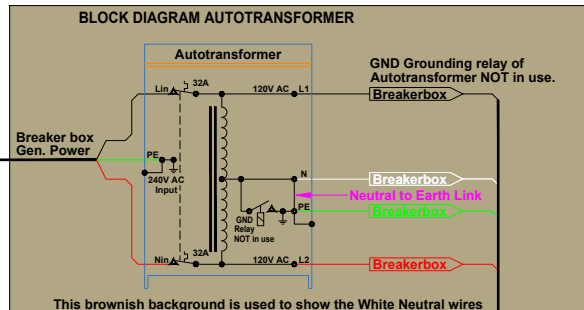


GENERATOR

**AUTOTRANSFORMER 32A
Generator Balancing Setup
240VAC TO 120/240VAC**



MAIN INCOMING
AC BREAKER
TOWARDS
AUTOTRANSFORMER



IMPORTANT INFORMATION !
The maximum current for a 32A Autotransformer is 32A trough L1 and L2. In case of a 120V load imbalance between L1 and L2, the maximum Neutral current is 32A max for 30 minutes and 28A continuously.

IMPORTANT INFORMATION !
GFCI's (ground fault circuit interrupter) and/or ELCI's (equipment leakage circuit interrupter) are not visible in this drawing, this depends heavily on the end user and the design of its system. The MCB's inside the breaker boxes in this drawing need to be seen as examples only.

IMPORTANT INFORMATION !
In case of a split phase supply and to guarantee proper functioning of a GFCI or RCD, the Neutral must be grounded. For this purpose the centre tab or Neutral of the Autotransformer has to be connected to Ground. Also see purple arrow and text. The grounding relay built inside the autotransformer enclosure is NOT in use. This also depends on the configuration setup between the Autotransformer and the connected AC powering device. More info in the manual.

The primary Case ground connections from a generator, must be connected to the Central Negative Busbar of the DC system.
The primary Case ground connection of the Autotransformer also needs to be connected to the Central Negative Busbar of the DC system.

IMPORTANT INFORMATION !
Remove the PEN Jumper or PE to Neutral connection on the Generator AC out terminals.
The Ground or PE to Neutral connection will be available on the Autotransformer between the centre tab and Ground connection. Also see text above.

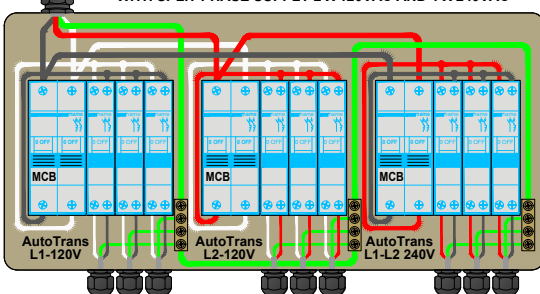
Primary ground connection

Primary ground connection



Drawing BJE-265A

**QUATTRO AC OUT-1 TROUGH AUTOTRANSFORMER
WITH SPLIT PHASE SUPPLY 2 X 120VAC AND 1 X 240VAC**



- < 120V L1 No Break load-1
- < 120V L1 No Break load-2
- < 120V L1 No Break load-3
- < 120V L2 No Break load-1
- < 120V L2 No Break load-2
- < 120V L2 No Break load-3
- < 240V L1-L2 No Break load-1
- < 240V L1-L2 No Break load-2
- < 240V L1-L2 No Break load-3

Breakerbox