INSTALLATION

10R1, 10R1-6
10R3, 10R3-6

Rectifiers

RUTHERFORD CONTROLS

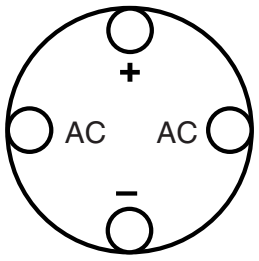
In or Out... we make it Easy!®

Instructions

1. To convert a high AC voltage to a low DC voltage, a step-down transformer and rectifier are used.
2. Connect the AC input (120 VAC) to the primary of the transformer (two wire leads).
3. Connect the rectifier leads marked AC to the secondary of the transformer (screw terminals).
4. Connect the positive (+) lead of the rectifier to the positive side of the load. Connect the negative lead of the rectifier to the negative (-) side of the load.

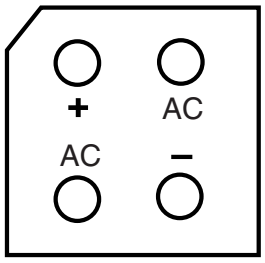
NOTE: The DC output voltage from a transformer and rectifier is not a pure DC voltage. If the load requires a regulated and filtered DC voltage, a power supply should be used. When DC voltage is not pure (high AC ripple content), the load may buzz if it is a coil (electro-magnetic lock, electric strike). DC voltage that is not pure (regulated and filtered) can cause some electronic equipment to malfunction.

10R1
10R1-6

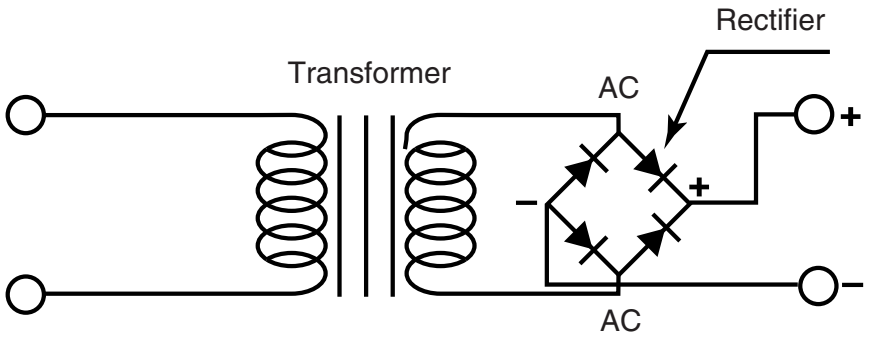


1 Amp Rectifier

10R3
10R3-6



3 Amp Rectifier



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