

HF Upconverter Relay

The converter power supply input is correctly specified as 9 volts DC on the schematic (figure 10) on page 34 of Jan. QST. However, reference is made in the text about operation from "9 -12V". A 9 volt power source will reduce heat and stability and is recommended. However, if the converter is to be operated at > 9 volts, the coil voltage rating of the relay may be exceeded.

If the converter is to be powered from more than 9 volts, and the FAR Circuits PCB or Hayseed Hamfest kit is used, Omron relay p/n G5LA-14-DC12 (Mouser p/n 653-G5LA-14-DC12) or a similar relay with a 12 volt coil should be substituted. (The Omron relay listed is a drop-in replacement for the 653-G5LA-14-DC5 relay shown in the article, but with a 12 volt coil.