

40 Channel Analog or Digital Output FTA (T8850)

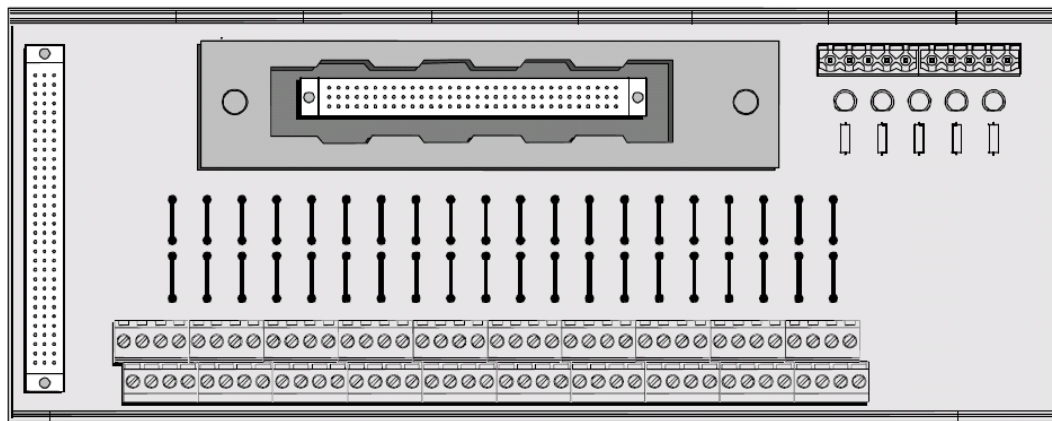


Figure 4-21: Analog or Digital Output FTA

The 40 channel analog output or digital output FTA, shown in Figure 4-21, is designed to act as the main interface between 24 Vdc digital output module T8451/61 or analog output module T8480 and the field device. The signal from the output modules are 24 Vdc and 0-20 mA respectively.

Field connections for 0V and 24V are connected to the terminal strips. The 40 channels are arranged in five groups each comprising eight identical channels. Return 0V is connected from a bus bar to the FTA via a 10-way terminal block. 24V is fed directly to the output module from the T8290 output power distribution unit (described below). Figure 4-22 shows the configuration of two channels within a group.

The cable linking the 40 channels on the output module to the FTA is terminated at the 96-way socket SK1.

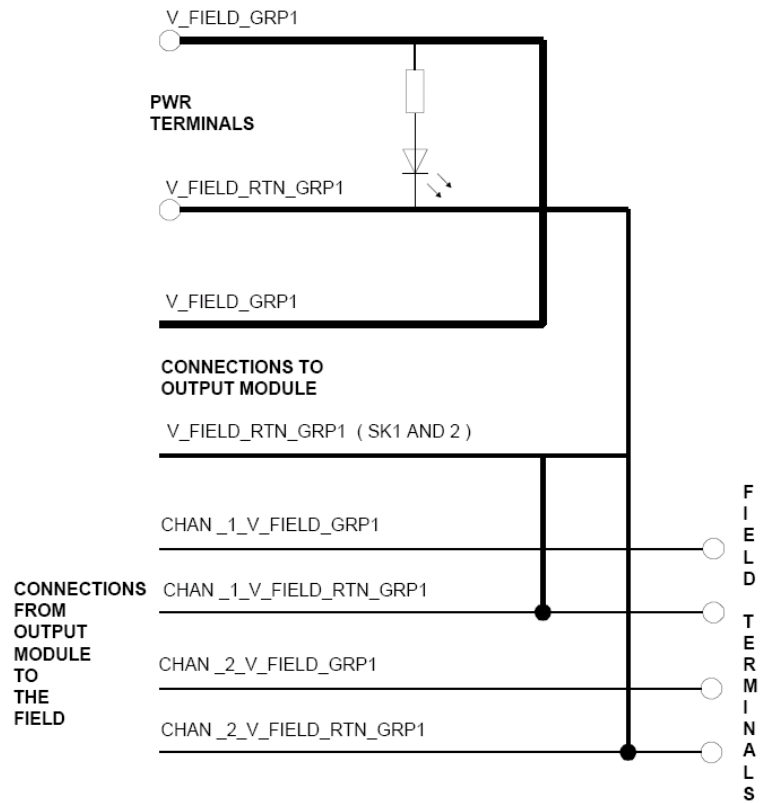


Figure 4-22: Two Channel Schematic for T8850 FTA