

NC951 Connection to a Multi Zone Call Controller

There is often a requirement for the accessible toilet alarm system (NC951) to be connected to a multi zone call controller (NC910/NC920) for repeating purposes.

The single zone call controller (NC943B/NC942B) forms part of the NC951 system and has an onboard relay rated at 30Vd.c. 1A, which is used as the output. A 2-core cable is wired from this relay using the NO and C connections (CONN3) and connects to the negative (0V) and signal (Z) connections of an available, unused zone on the multi zone call controller.

Any calls triggered from the NC951 system will register as non-latching, emergency calls on the multi zone call controller and cannot be reset at the controller. The emergency calls can only be reset via the NC951 system.

In the example below (see Fig. 1) a single zone controller (NC943B) is connected to a multi zone call controller (NC910/NC920) and a four zone call controller (NC944). The NC944 is powered by a NC930 12V PSU.

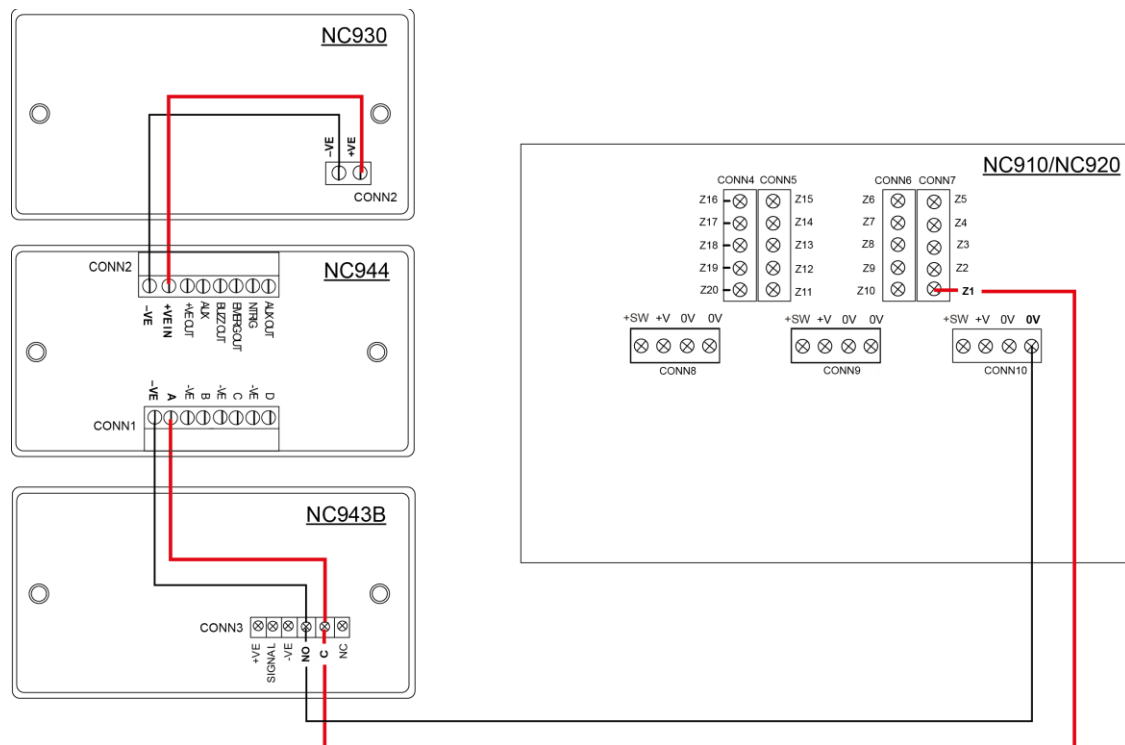


Fig. 1 – Wiring Connections