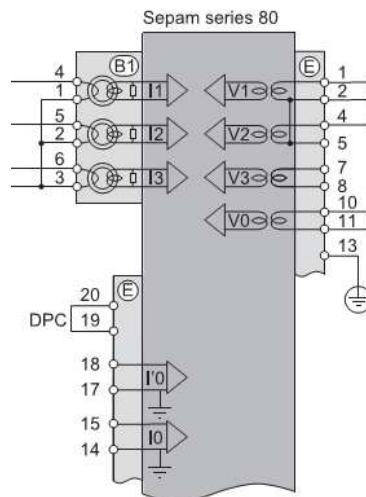
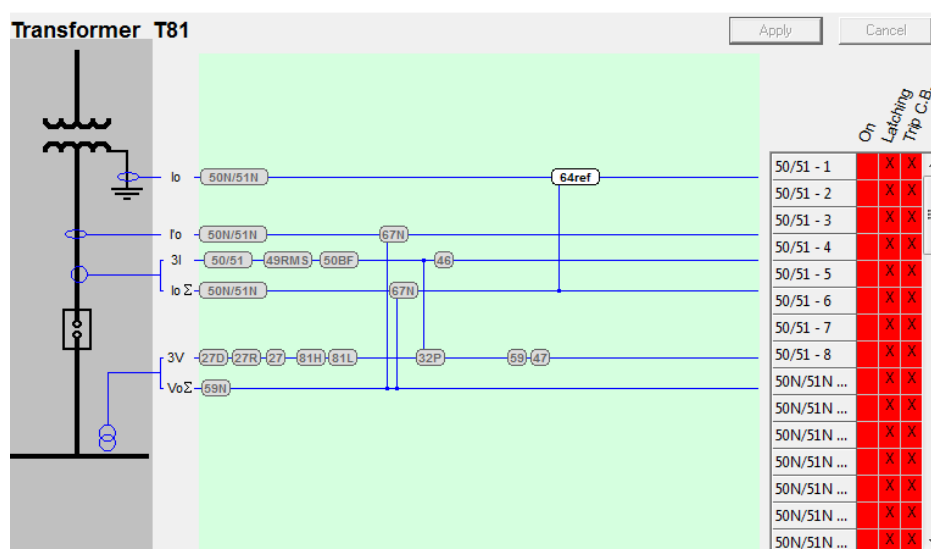


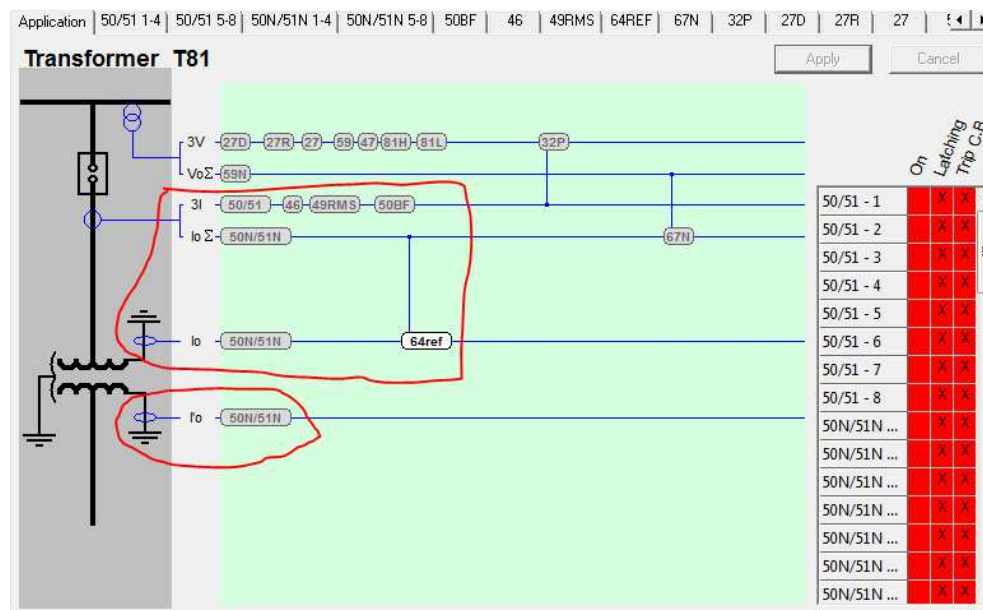
The short answer is yes. Sepam series 80 has two residual current inputs that could be connected to core balance or any other zero sequence CT, in case of using third party CTs, it should be connected to Sepam through CSH30. As it is clear in below diagram on slot E we have got I0, I'0 as residual current inputs.



Here after you will see some type of Single line diagram extracted from SFT2841 Sepam engineering tool: As an illustration here in below single line diagram 3I CTs and IO is sued for 64REF and I'O could be used for 50n/50G. In this example we have installed all CTs in Second winding of transformer.



In addition we have got more option in Sepam series 80 to set the relay regarding to 50G. We can set 64REF protection in primary side and at the same time we can install Core balance in neutral of secondary side and set the 50G in LV side. Please see below single line diagram again extracted from SFT 2841:



Here we have used 3I and I0 to activate 64REF in primary winding (as an illustration MV side of transformer) and we have used I'0 to activate earth fault (50N or 50G both possible) in secondary winding (as an illustration LV side of transformer)

AEDL3