



VEBKO ONLINE HELP

Relay Specification in Test Object

Category	tester
Section	Modules Toolbar and Statusbar
Language	English
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By clicking on "Test Object", you can open the "General Test Object" page. On this page, the settings related to "Object" or relay are adjusted. To enter the information of the relay on this page there are several ways. In the first case, the user reads all the information of the relay and enters manually. For example, to enter the nominal Specifications of the relay, you can double-click on "Device" in the "Service Setting" page in the "Nominal Values" section and enter frequency and nominal voltage of the PTs as well as the nominal current of the CTs.

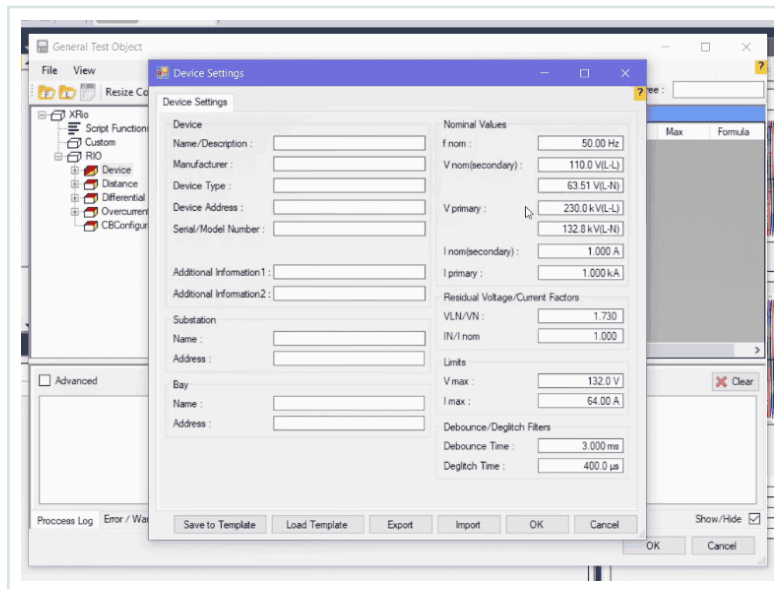


Figure 1

Also, it is possible to enter information such as device name, serial number etc. in the "Device" section. After that, to save the information, it is necessary to click on "OK". It should be noted that whatever is in the "Device" block on the "Device Setting" page also exists in the "Device" block Tree diagram and the values can be entered here too. For example, there is a series of information about nominal values of the device, "Substation", "Bay", "Nominal Values", etc. You can also find this information in the branches of "Device" Tree diagram. This means that in the "Name plate" section, you can also find information about device's ID or in the "Nominal Values" section, you can find information about the nominal values of the relay. If "Vebko" is entered in the "Value" field, in the "Device Name" row in the "Name Plate" section, by opening the "Device" page, this word is also recorded in the intended section.

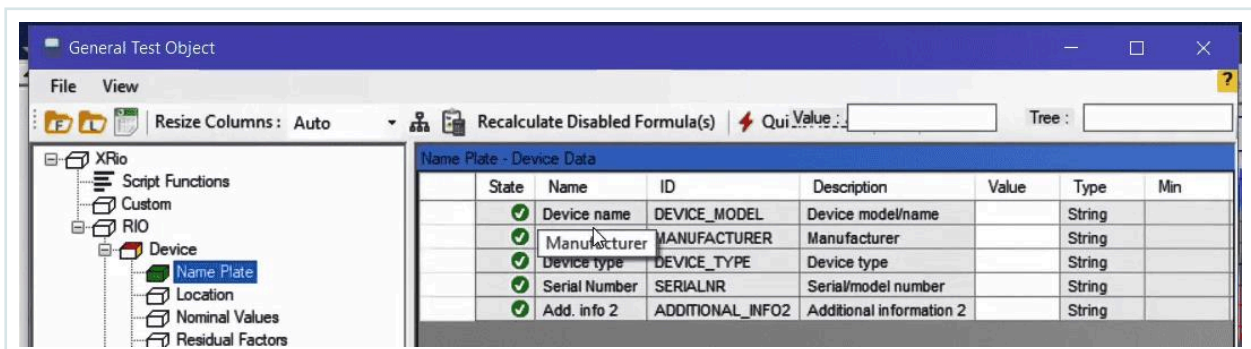


Figure 2

In fact, these two sections are linked and enter changes simultaneously. After entering the nominal values of the relays manually, it is, also, necessary to manually enter the specifications of the protective function. For example, to enter the specifications of the "Distance" protective function, you can enter the related information such as tolerances, length and angle of the line by clicking on "Distance" block in the "Distance Protective Parameters" page. You can also draw the relay zones according to the catalog under the "Zone Setting" on this page. To do this, click on "New" to open a new row and then click on "Edit" and in the opened page enter the zone information according to the relay catalog and then click on "OK". After that you can see that the zone is drawn.

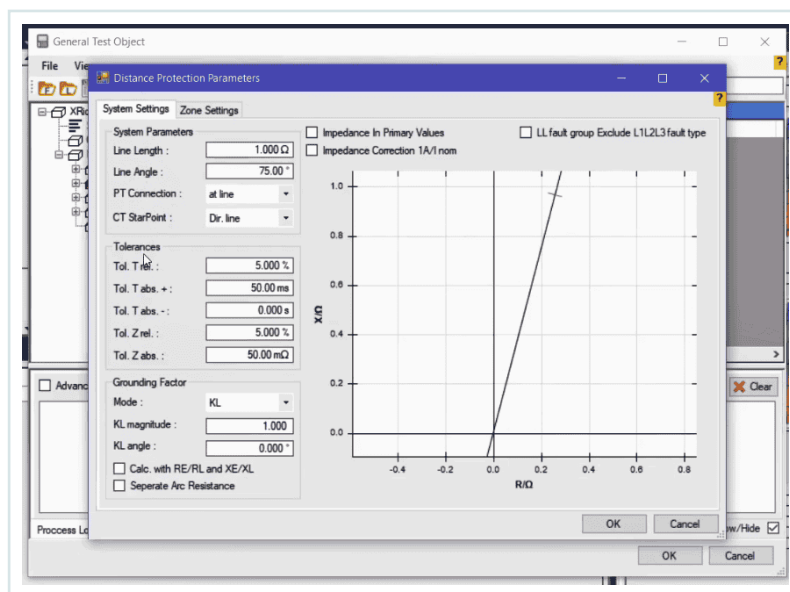


Figure 3

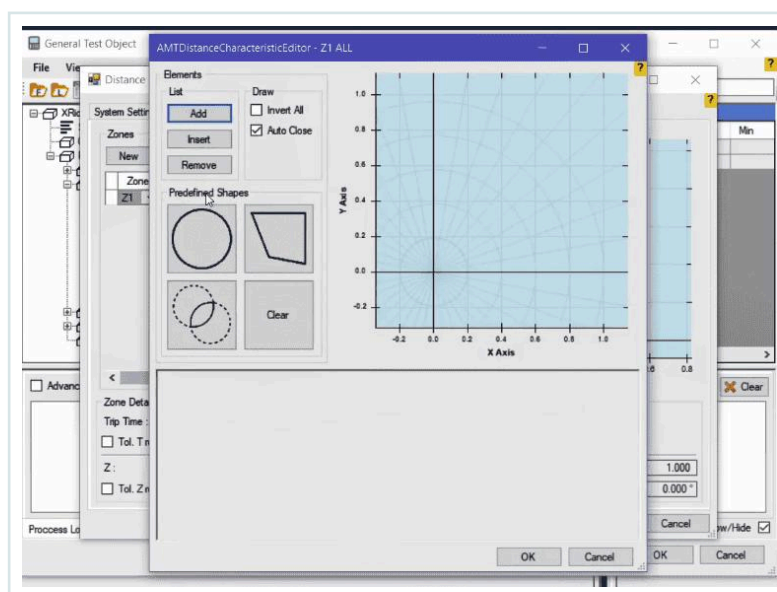


Figure 4

By opening the “Distance” block, the entered information can be seen in the form of a tree diagram. For example, the information related to “Zone” is displayed in this section too. You should note that these sections are linked. To enter information of functions such as “Differential” and “Over Current” you can click on the related block and enter the information. After entering the relay information manually, by clicking on “OK”, you can import the settings to the software and continue the test. You can enter a value in the upper right corner of the “Value” feed and the software displays the parameters that have this value.

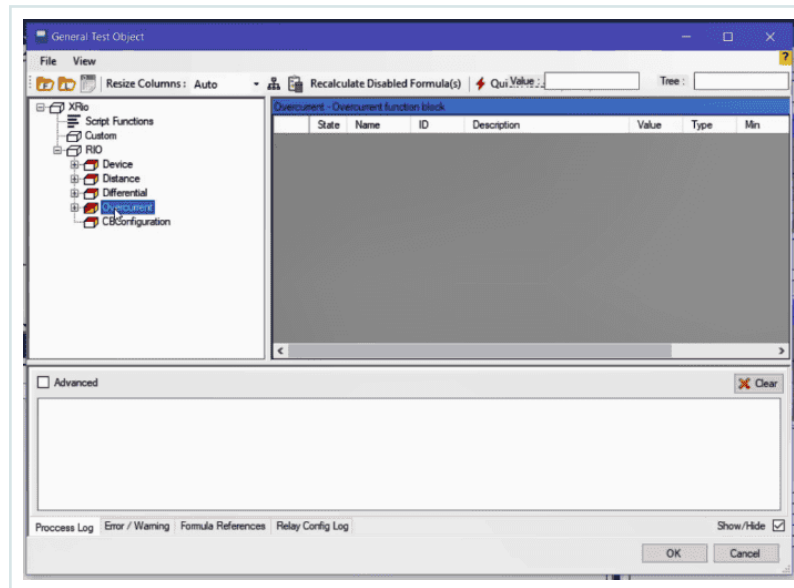


Figure 5

You can also search for your intended word, by entering it in the “Tree” section. For example, by entering “360” degrees in “Value”, the parameters that have this value are displayed and if the word “Distance” is entered, this block and its subcategories are displayed in a highlighted mode. There are two options of “OK” and “Cancel” on the bottom of the page. “OK” is used to enter the information and “Cancel” is used to cancel entering the information. If you check “Show/Hide” option on the bottom, you can change the status of the lower window to hidden or visible which will be fully explained in future videos. The important point is that some of the relays provide the user with the settings as a “Rio” file. By directly loading, all the settings of the relay are entered to the software automatically and there is no need for manual insertion of the information.

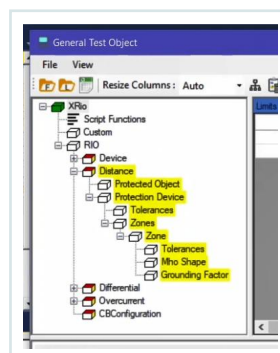


Figure 6

[jg1]Relay_specification_in_Test_Object