



VEBKO ONLINE HELP

Complementary Explanation of “Overcurrent” Room

Category	tester
Section	AMT Overcurrent Module
Language	English
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To continue explaining "Overcurrent" room, here are some additional explanations. By checking "Pause before Start" in "Pick Up-Drop Off" tab, by running the test using the "Start/Continue Test" method, before testing any point, a message appears and by pressing "Ok", the software tests that point.

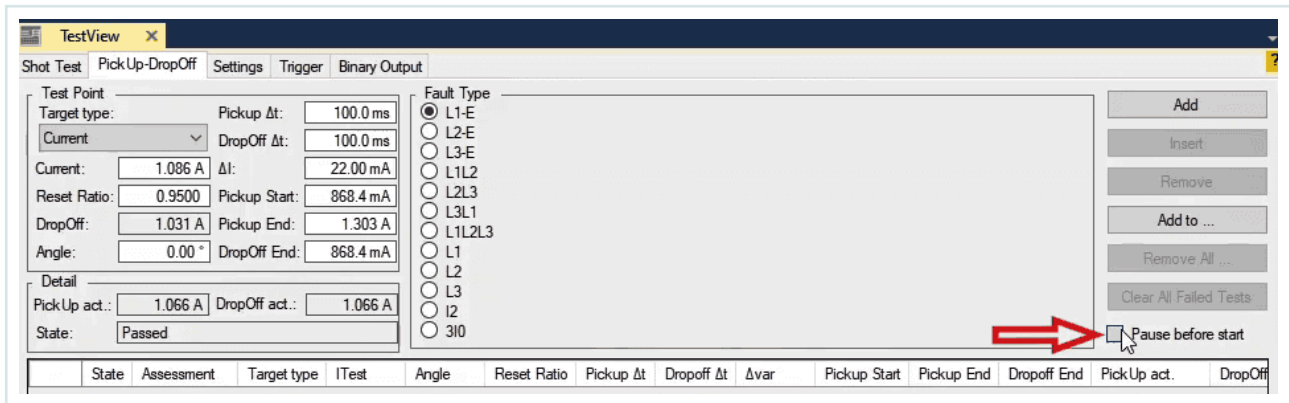


Figure 1

By selecting "Fault Inception" In "Time Reference", the "Trip" time is calculated since the fault injection time. This option is used for testing the relays which do not have the "Pick Up" contact. But by selecting "Starting", the "Trip" time is calculated since when the "Pick Up" contact is received from the relay. This option helps to increase the measurement accuracy of the operation time in relays with "Pick Up" contact.

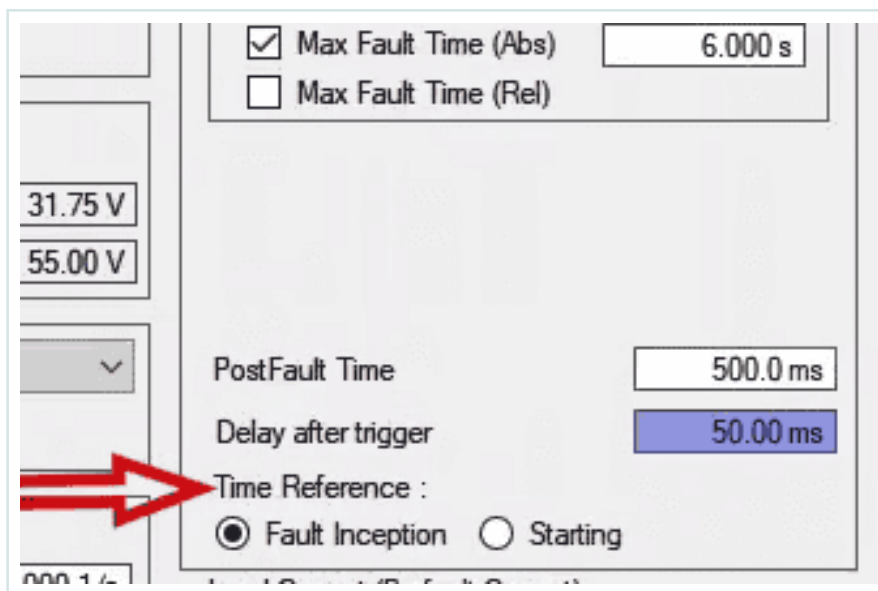
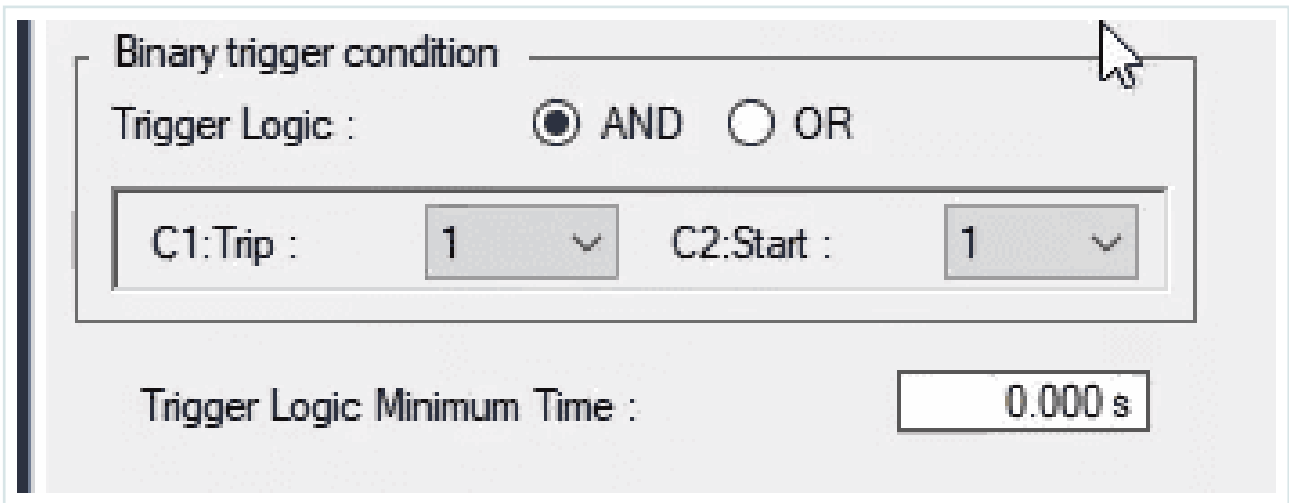


Figure 2

In fact, when you select "Fault Inception", it is like that you are putting the "trigger" on "Trip" signal. But if you select "Starting", first you need to make sure that the relay gives a "Pick Up" signal. Selecting this option is like putting the "Trigger" on "Trip", "Pick Up" and "Trigger Logic" in "And" mode.



Binary trigger condition

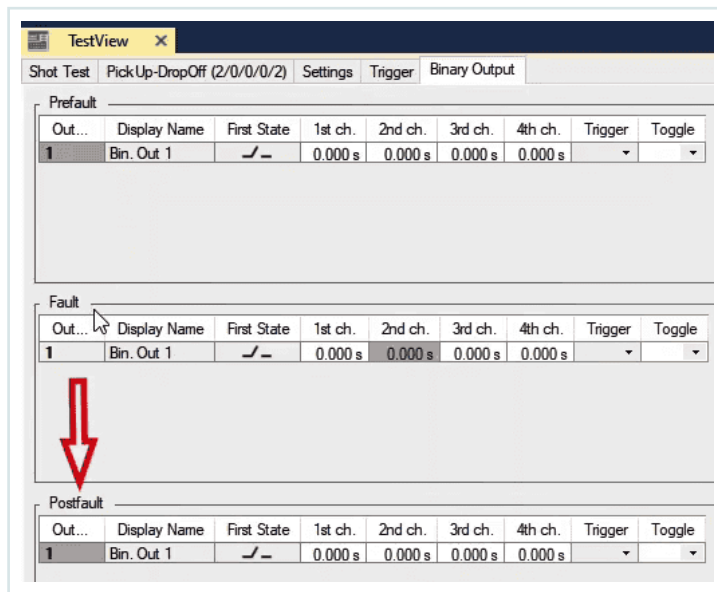
Trigger Logic : ☒ AND ☐ OR

C1:Trip : 1 C2:Start : 1

Trigger Logic Minimum Time : 0.000 s

Figure 3

In "Binary Output" tab, if it is necessary for the relay to see the key condition, by using the "A" or "B" group voltages or "Aux DC" it is possible to take any needed voltage to the "Binary Input" of the relay through "Binary Output" of the device. This tab has three "PreFault", "Fault" and "Post Fault" modes and you can specify the settings of each one separately.



TestView

Shot Test Pick Up-Drop Off (2/0/0/0/2) Settings Trigger Binary Output

Prefault

Out...	Display Name	First State	1st ch.	2nd ch.	3rd ch.	4th ch.	Trigger	Toggle
1	Bin. Out 1	✓	0.000 s	0.000 s	0.000 s	0.000 s		

Fault

Out...	Display Name	First State	1st ch.	2nd ch.	3rd ch.	4th ch.	Trigger	Toggle
1	Bin. Out 1	✓	0.000 s	0.000 s	0.000 s	0.000 s		

Postfault

Out...	Display Name	First State	1st ch.	2nd ch.	3rd ch.	4th ch.	Trigger	Toggle
1	Bin. Out 1	✓	0.000 s	0.000 s	0.000 s	0.000 s		

Figure 4

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