



VAP6 test sequence

The test may be carried out with or without current in the sensors. During the test operations, all the VIP300 settings are effective; the relay should perform in accordance with the settings. During the test, the relay remains operational and will give a tripping order in the event of a fault, unless the "trip inhibition" button is pressed.

- Connect the VAP6 to the "VAP6 test plug". The VAP6 batteries automatically go on and the "on" indicator lights up.
- Press the VIP300 "reset" button:
- if the two "trip" indicators were yellow, they go black
- the two red I> and Io> indicators of the VIP300 light up for about 3s to indicate that the central processing unit has correctly performed self-testing.
- Press the "trip inhibition" button if the test should be carried out without tripping of the circuit breaker.

Be sure to keep the "trip inhibition" button pressed throughout the time it takes to send the stimulus.



If the "phase overcurrent" button is held down after tripping, the VIP300 starts the time delay/tripping cycle again; this is normal. In that case:

- the VAP6 red "trip" indicator lights up for a short time after each trip
 - depending on the time delay setting, the VIP300 red "I>" indicator may be off or blink rapidly in an irregular manner.
- Press the "phase overcurrent" button to send the phase protection test stimulus:
 - continue pressing the button throughout the duration of the stimulus (the stimulus represents about 20 times the current setting Is)
 - the VAP6 "test in progress" indicator lights up to confirm the sending of the stimulus to the VIP300 relay
 - the red "I>" indicator of the VIP300 blinks during the time delay period
 - then the VIP300 phase "trip" indicator turns yellow
 - the circuit breaker trips if it is not inhibited.
 - Press "earth fault" to test operation of the earth protection. The stimulus injected is equal to 20 times the current setting Ios. Use the same procedure as for the phase protection test.
 - Disconnect the VAP6.
- In order to save battery power, do not leave the VAP6 connected to the relay unnecessarily