



VEBKO ONLINE HELP

Determining Decimal Numbers Part 2

Category	tester
Section	Modules Toolbar and Statusbar
Language	English
Generated	2026-10-18

After setting the "Number of Decimal Places Setting", it is necessary to get familiar with a number of concepts as well as the method for initializing the software. Generally, there are three methods for entering the information. 1-The information that is entered in the tables. 2-The information that is entered in a separate cell where only entering numbers is possible. 3-The information that is entered in a separate cell where only entering text is possible. The point is that it is not possible to enter any information in those cells which are "Read only" in conditions such as "Line-Line" mode.

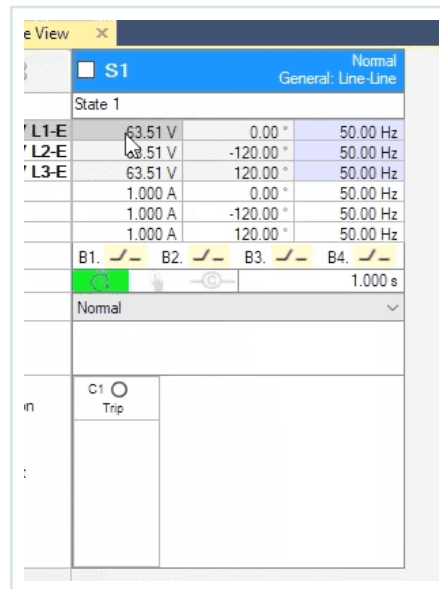


Figure 1

If you double-click on a cell, the content inside the cell becomes highlighted and while entering the information, its unit of quantity remains stable. In these cells, there is a space between the entered number and its unit which makes a better view for the user. By holding the mouse on each cell and clicking on it, the minimum and maximum numbers which can be entered in the intended cell are displayed. Close the "Measurement View" and "Detail View" windows and open the "Vector View" window. Then, right-click on this window and select "Show" in the opened list and check the "Line-Line" option so that the linear values are displayed on this window.

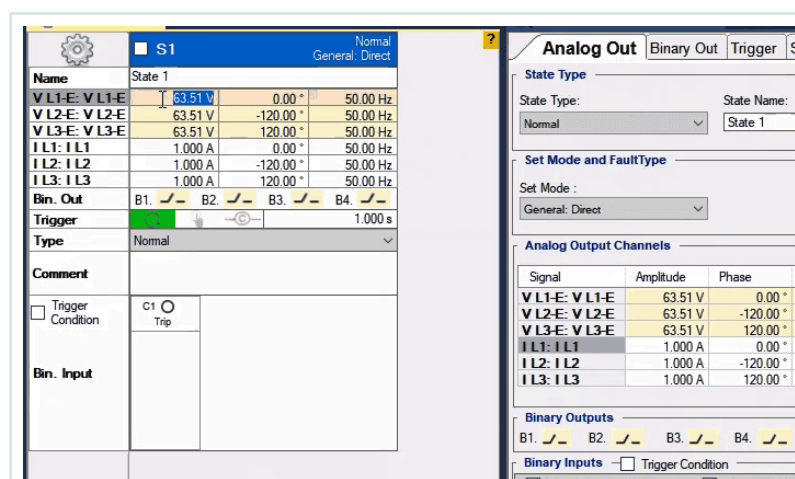
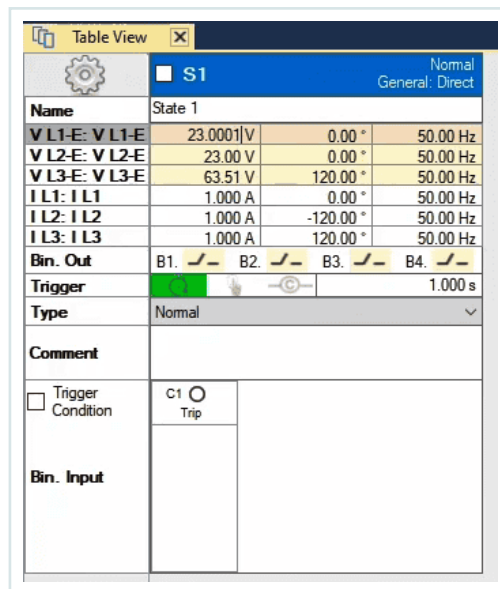


Figure 2

Now in the "Table View", enter "23.00" for the second phase voltage with zero phase. You can see that the value of "VL1-L2" in the "Vector View" window is zero. Now, enter "23.0001" for the first phase in the "Table View". Then, you can see that in the "VL1-L2" linear voltage field, the number "100 μ V" is displayed while in the "Table View", both first phases show the same value of (23.00). The number "23.0001" is in the memory of the software but since it is specified in the "Number of Decimal Places Setting" that only four meaningful numbers should be displayed, the number "23.00" is being shown while the original number is "23.0001" which is stored in the memory of the software. If you double-click on the first phase, and after it gets highlighted, press "enter" on your keyboard, this time the number "23.00" gets recorded in the software and, also, the linear voltage amount changes to zero.



Name	Value	Phase	Frequency
VL1-E: VL1-E	23.0001 V	0.00 °	50.00 Hz
VL2-E: VL2-E	23.00 V	0.00 °	50.00 Hz
VL3-E: VL3-E	63.51 V	120.00 °	50.00 Hz
IL1: IL1	1.000 A	0.00 °	50.00 Hz
IL2: IL2	1.000 A	-120.00 °	50.00 Hz
IL3: IL3	1.000 A	120.00 °	50.00 Hz
Bin. Out	B1, B2, B3, B4		
Trigger	1.000 s		
Type	Normal		
Comment			
Bin. Input	C1, Trip		

Figure 3

If you enter "23.2568" in the first phase, the "VL1-L2" linear voltage field will display the number "256.6mV" while in the "Table View" the number "23.26" will be displayed which means that, not only according to the "Number of Decimal Places Setting", only four meaningful digits of this number are being displayed, but also, this number has been rounded. It is also possible to use measurement units while initializing. For example, you can enter "10m" instead of the number "0.01". In this case, there is a space between "m" and "V" after pressing the "enter" button, the "m" acronym sticks to the quantity unit and the "Space" gets removed in order to make a better view for the user. In some cells, after entering the intended value, a message is displayed saying that the entered value is above the allowed limit. In this case, there are two possibilities:

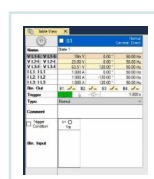


Figure 4

1-In some cells, after clicking on the "OK" option, there is another message displayed saying that if you select the "No" option, the entered number will not be recorded in the cell and the previous number will replace the new one but if you select the "Yes" option, the new number will be recorded and the cell turns red, indicating an error in the recorded number.

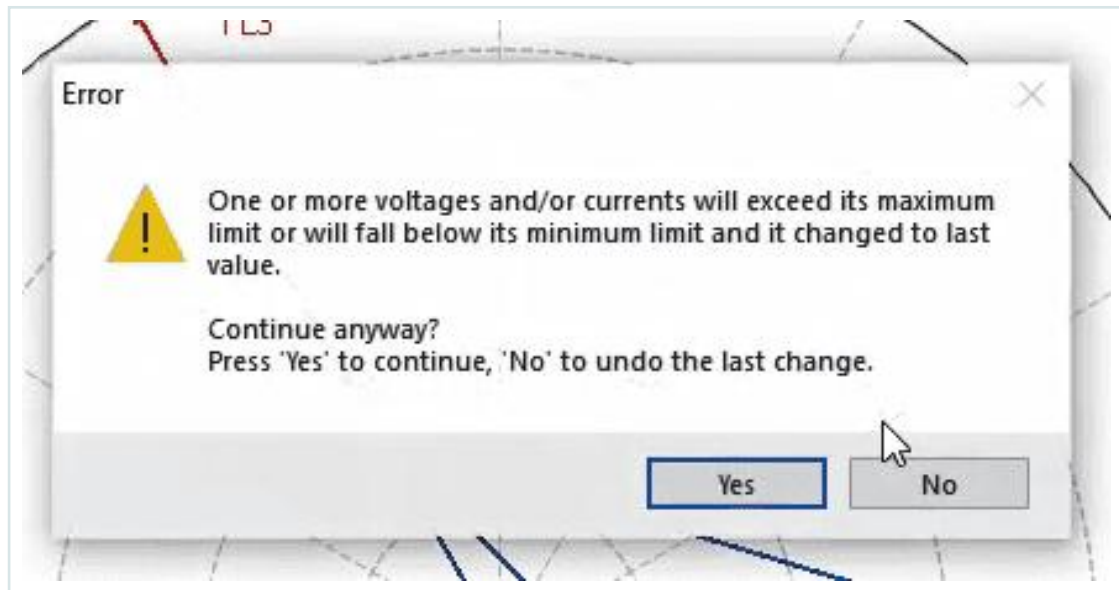


Figure 5

2-In some other cells, if the entered number is above the allowed limit, if you click on the "OK" option in the displayed message, the software will not allow this number to get recorded in the cell and uses the previous number instead.

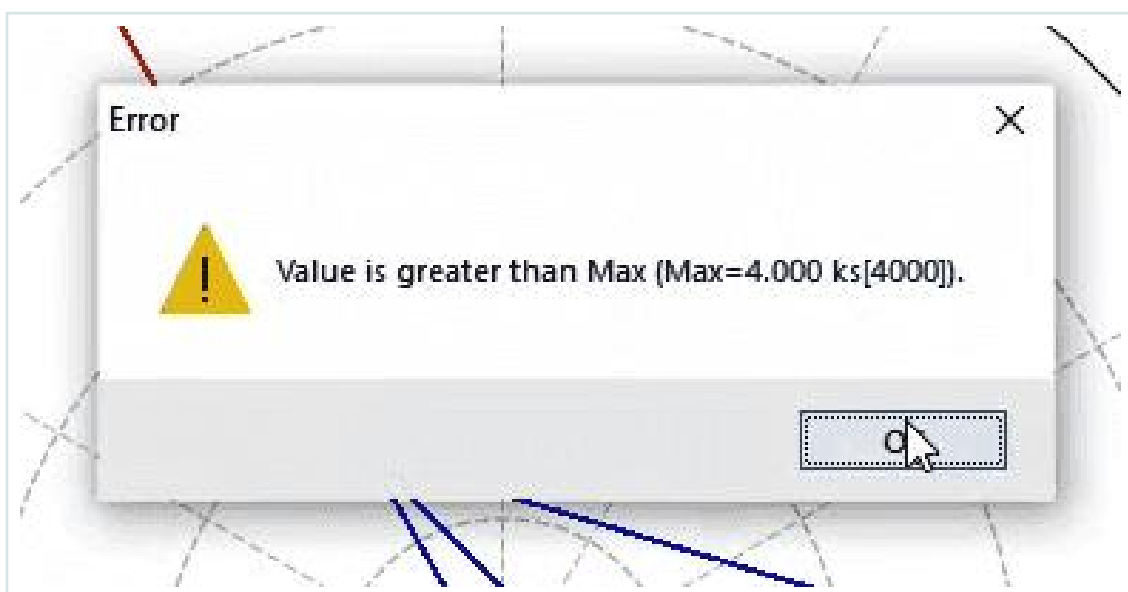
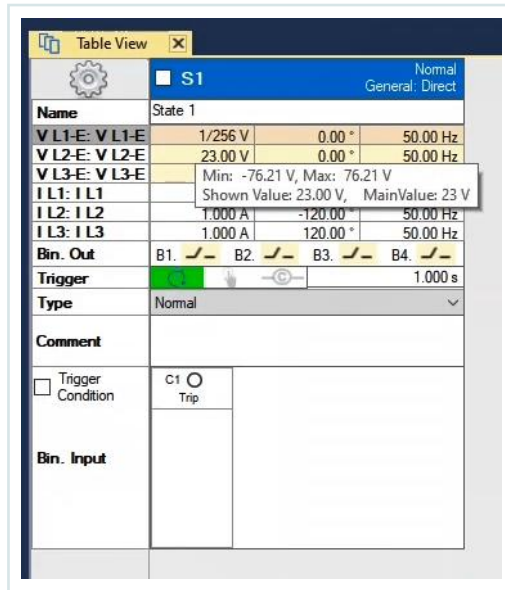


Figure 6

In addition to directly entering a number, it is possible to use mathematical expressions and operations to enter a number in the software. For example, if you "1/256", which the software will automatically calculate and put the result in the cell. Or you can enter a mathematical operation in the cell, like "sin(45)*sqrt(25)" which is the amount of "sin" in radians. The point to note is that it is not possible to enter mathematical operations as something like "11m*1" and no measurement units are to be used in mathematical operations.



Name	Value	Unit
V L1-E: V L1-E	1/256 V	0.00 ° 50.00 Hz
V L2-E: V L2-E	23.00 V	0.00 ° 50.00 Hz
V L3-E: V L3-E	Min: -76.21 V, Max: 76.21 V	
I L1: I L1	Shown Value: 23.00 V, MainValue: 23 V	
I L2: I L2	1.000 A	-120.00 ° 50.00 Hz
I L3: I L3	1.000 A	120.00 ° 50.00 Hz
Bin. Out	B1. B2. B3. B4.	
Trigger		1.000 s
Type	Normal	
Comment		
Trigger Condition	C1	
Bin. Input	Trip	

Figure 7

[jg1]Determining_Decimal_Numbers_Part2