



VEBKO ONLINE HELP

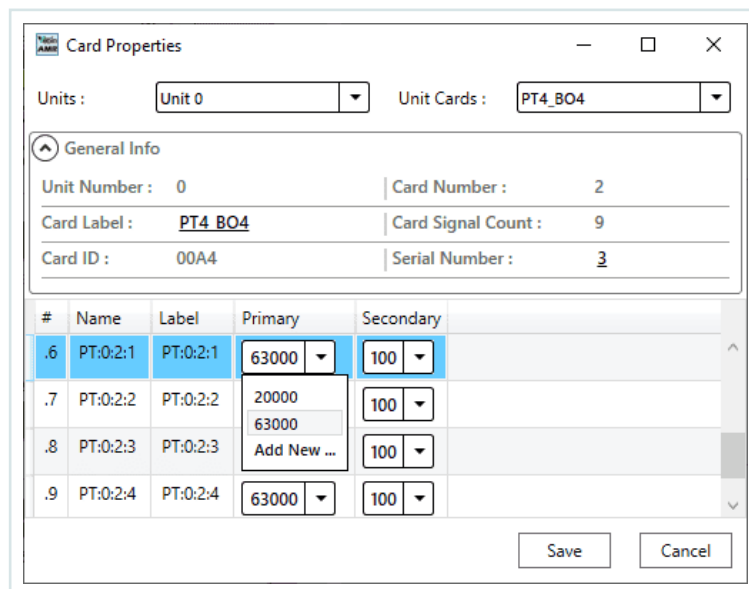
Voltage and Current Transformers Data

Category	relay
Section	Relay Hardware
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1 Conversion ratio of voltage transformers

By double-clicking on the voltage card, the Card Properties window opens, in this window the signals of the card are given. In the row of voltage signals starting with the letters PT, the conversion ratio of the network voltage transformers is specified. In primary column, the nominal voltage of the primary side and in the Secondary column, the nominal voltage of the secondary side of voltage transformers is selected. It should be noted that this conversion ratio should be adjusted separately for each voltage input of the card.

If the desired value is not available, a new value can be added to Primary or Secondary by selecting the Add New option. For example, here the value of 230,000 volts for the primary and the value of 110 volts for the secondary are selected. By clicking on the Save option, the changes in this window are saved.



The screenshot shows the 'Card Properties' window with the 'General Info' tab selected. The window displays various fields for unit and card information, and a table of voltage transformer signals.

#	Name	Label	Primary	Secondary
.6	PT:0:2:1	PT:0:2:1	63000	100
.7	PT:0:2:2	PT:0:2:2	20000	100
.8	PT:0:2:3	PT:0:2:3	63000	100
.9	PT:0:2:4	PT:0:2:4	63000	100

The 'Add New ...' button is visible in the Primary column of the table.

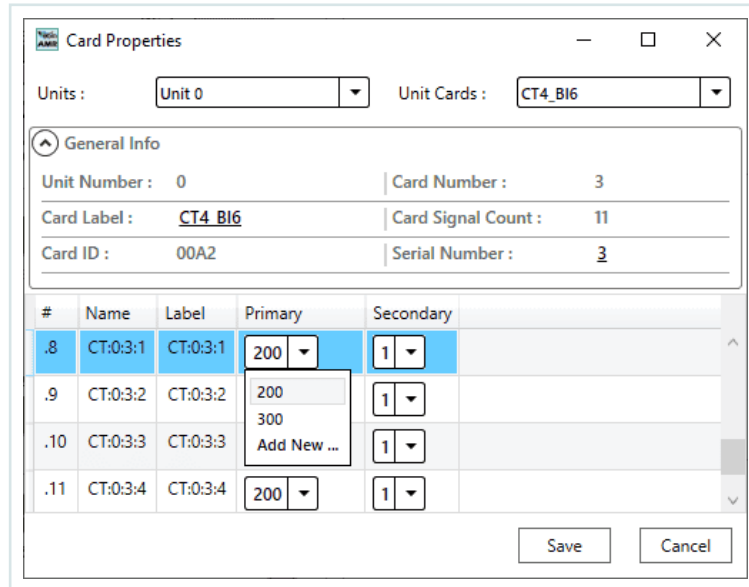
Figure 1

2 Conversion ratio of current transformers

Similar to the previous case, the Card Properties window opens by double-clicking on the current card, in this window in the row of current signals starting with the letters CT, the conversion ratio of the network current transformers is specified. In the Primary column, the nominal current of the primary side and in the Secondary column, the nominal current of the secondary side of the current transformers is selected.

If the desired value is not available, a new value can be added to Primary or Secondary by selecting

the Add New option. For example, here the value of 1000 amps for the primary and the value of 1 amp for the secondary is selected. By clicking on the Save option, the changes in this window are saved.



#	Name	Label	Primary	Secondary
.8	CT:0:3:1	CT:0:3:1	200	1
.9	CT:0:3:2	CT:0:3:2	200	1
.10	CT:0:3:3	CT:0:3:3	300	1
.11	CT:0:3:4	CT:0:3:4	200	1

Figure 2

Note: In this window, you can also access the other cards in the other units. To do this, first, in the Units field, the desired unit is selected and then in the Unit Cards field the desired card is selected. If changes are made, first the user is asked if the current card settings are saved or no, if you want to save the settings, you should click on save option.

[jg1]RE_Set_CT_PT_Ratios