

S Relay Test Set Report Control User Manual

1 Format of S40A/S100A Report

S40A/S100A relay test can save 21 test reports at best. S40A/S100A Report Picker support reading test reports from relay test and displaying reports on PC by form of WORD.

Example as follows:

S40A Report

Test Name	Station Name	Value1	Value2	Value3
Ramp	LIG GREPORT	0.800A	0.700A	0.875
Transient	LIG GREPORT	0.803s		
Ramp	LIG GREPORT	0.400V	0.300V	0.750
F Relays	LIG GREPORT	0.769s		
AC Relay	LIG GREPORT	49.940V	49.870V	0.999
Time	LIG GREPORT	0.502s		
Ramp	LIG GREPORT	0.400A	0.300A	0.750
Ramp	LIG GREPORT	1.900A	1.800A	0.947
Ramp	LIG GREPORT	1.500A	1.400A	0.933
Ramp	LIG GREPORT	1.500A	1.400A	0.933

“TestName”, “Station Name”, “Value1”, “Value2”, “Value3”.ect of test item can be found in the WORD report.

“TestName” is the name of test item, and “AC Relays”, “DC Relays”, “Ramp” “Permanent”, “Transient”, “Time” are test items.

“Station Name” is the name of transformer substation, which can support 10 bytes. “Station Name” can be set by users in order to remember expediently.

“Value1”, “Value2”, “Value3” are the results of test, which means distinctness in different test items. Embody as follows:

	Value1	Value2	Value3
AC Relay Pick	up Drop	off Factor	AC Relay Pick
DC Relay Pick	up Drop	off Factor	DC Relay Pick
Ramp	Pick-up	Drop-off	Factor
Permanent	Trip	Time1	Reclose

Transient	Trip Time1	Reclose Time	
Time	Trip Time		

2 Steps of Getting Reports

Steps of getting reports from relay test as follows:

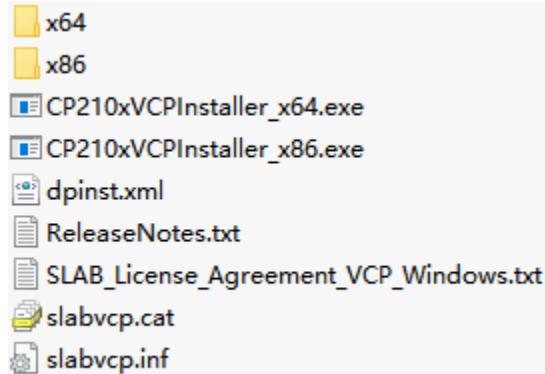
1. Install the driver and report software.

1) Install driver:

In Folder:  CP210x_VCP_Win7_8.1_10

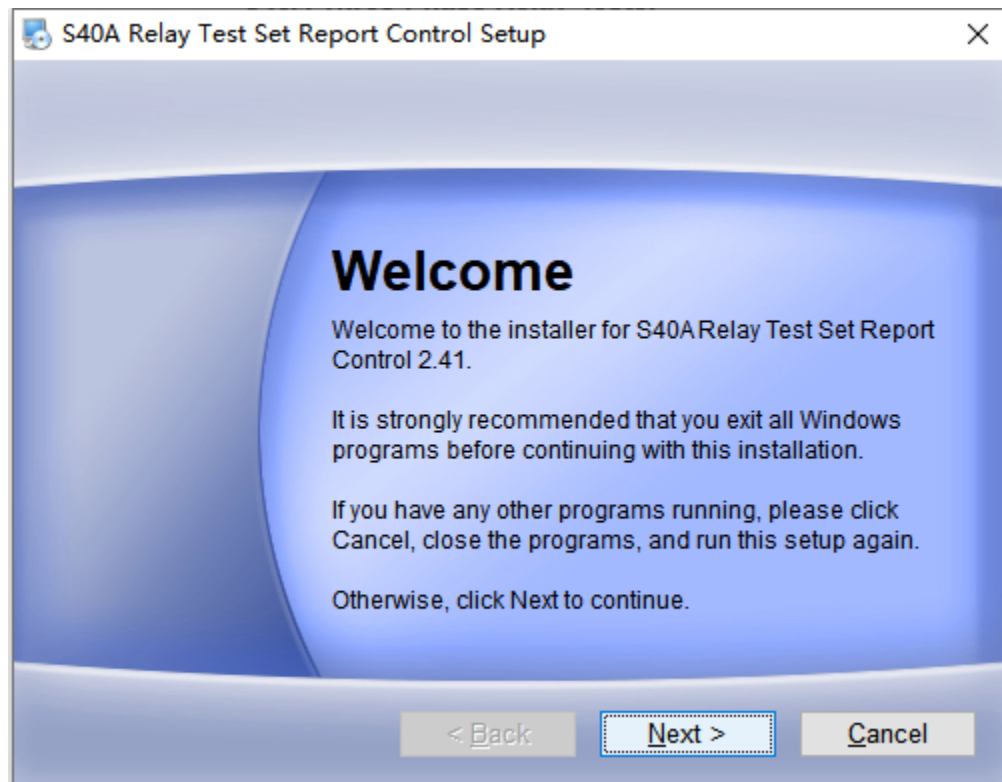
For x64 system: CP210xVCPInstaller_x64.exe

For x86 system: CP210xVCPInstaller_x86.exe

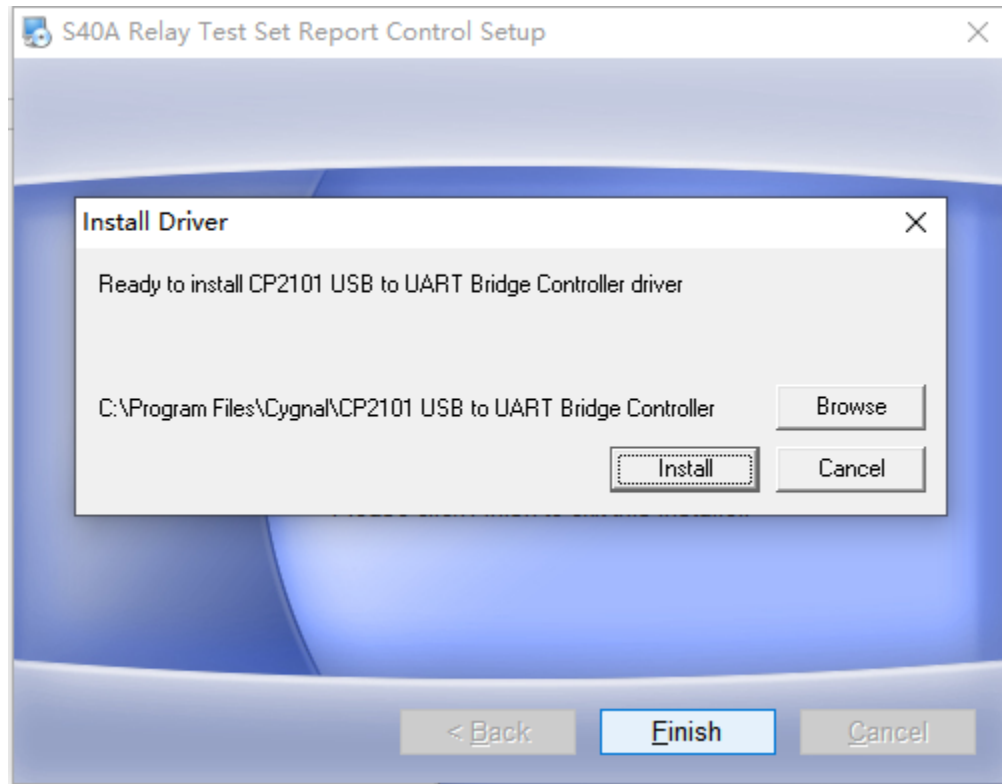


2) Install report software “S40A ReportV2.41”

Run the exe program for S40A/S100A report.



Click 'Next' to other steps, till get information for install the drivers:



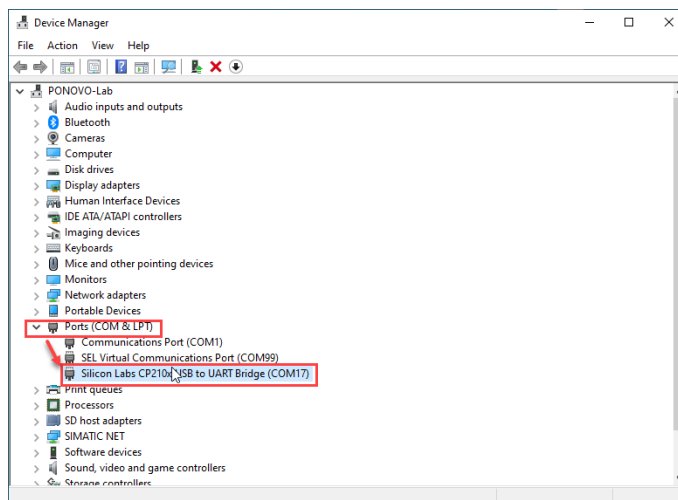
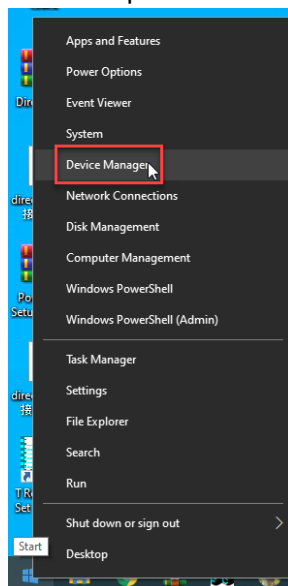
Because we installed the newer driver for USB, so click '**Cancel**' to exit the driver installation.

3) Finish the installation.

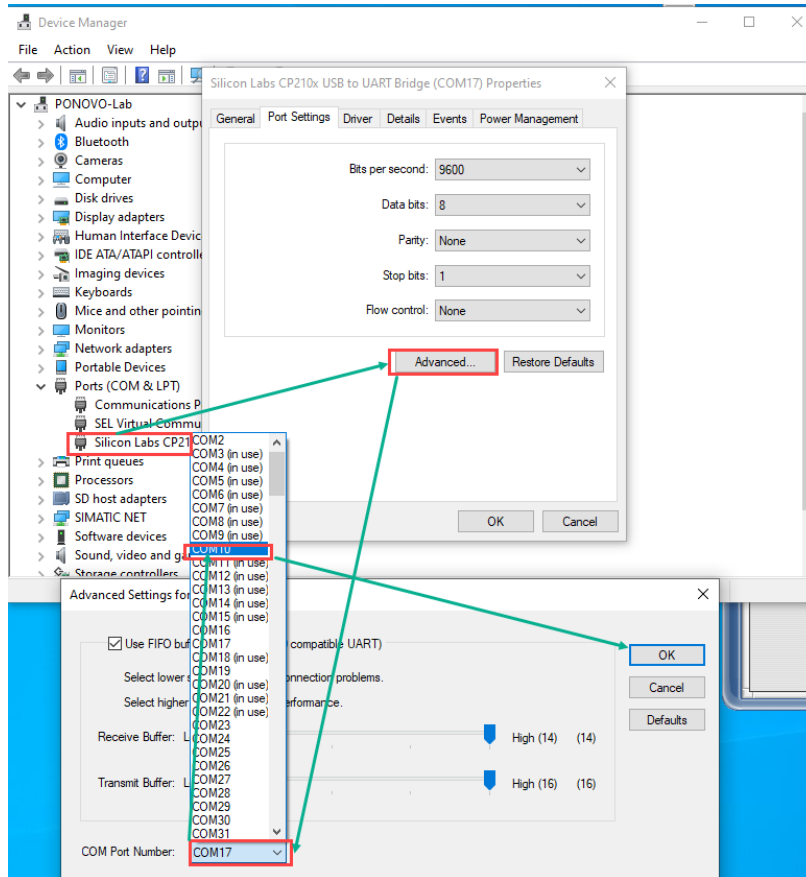
2. Get reports:

- 1) Use the USB cable to connect PC and S relay test set. and check port number
After connect cable check the port number

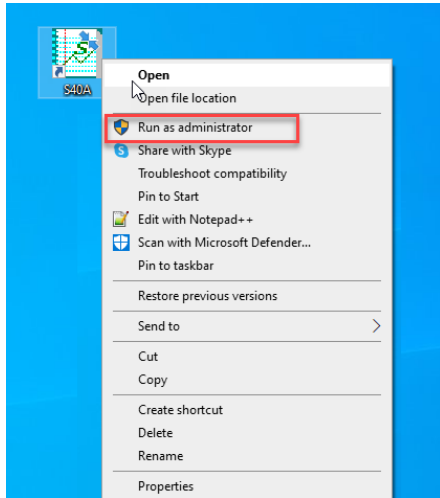
Right click start button  of windows to select "Device Manager" if the port number is less than 16 the report software will be work .



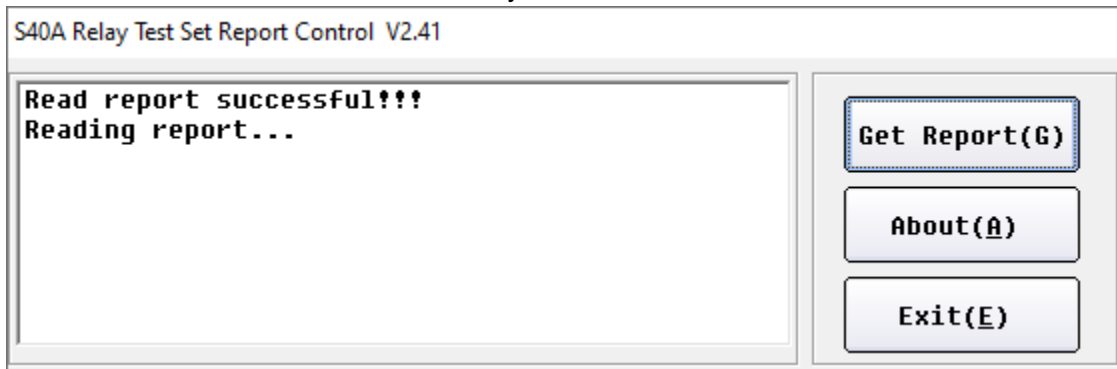
If it is high than 16 the report software cannot work,should change it to less than 16 as below



- 2) Right click “Run as administrator”, the program of S40A Relay Test Set Report Control.



- 3) Execute correlative test function on offline control mode. When a test duty is completed, press down the “other” button on the front panel of the test set S40A/S100A to store the report to test set hardware
- 4) Clicking “**Get Report (G)**”, PC will read reports from test set for 2 seconds and build reports by format of WORD in documents:C:\S40A\report. After that, the report will show on the current interface automatically



- 5) Open the report file under the stored path “C:\S40A\report”, then you also can browse and/or print the report based on the corresponding file format opened—WORD format.

[illegible]