

COA703 SL/USC Computer Adaptor

The computer adaptor COA703 connects provides galvanic isolation between the USC701 signal conditioner and your PC.

Free software packages are available for download from www.apcs.net.au/

- SetupUSC700-yymm.c.EXE (yy = year, mm = month, c = issue)
USC700 Programmer for use with the USC701 module



Order Code

COA703-0 X

Type: _____

- 1 = Serial port isolator for USC701 programming.
Serial port required.
Use with Windows 98, XP, 7, 8 and 10.
Input/output isolation >2kVrms.
- 2 = USB to serial isolator / converter for USC701 programming.
USB port required.
Use with Windows 7, 8 and 10.
Input/output isolation >2kVrms.

Warning Hazardous Voltages

We are 99.9% sure that if you connect an APCS module directly to the USB/serial port on your PC or mobile phone no damage either device will occur. Communication will not occur without the COA703 connected so there is no point trying.

APCS modules provide galvanic isolation. The interface connector is at the negative input measurement potential. This means that the SL303 must be connected between the Windows PC and the SL series module enabling safe operation while the SL series module is installed in a plant.

APCS modules are used in industrial environments, the input terminals or output terminals may be at elevated voltages, servicing on site should only be conducted by qualified personnel that are familiar with the installation.

Operation

1. Never plug the COA703 into the PC while connected to an operating APCS module as this will confuse the windows hardware detection.
2. If the hardware detection is already confused (usually thinks its a mouse) unplug from the PC and the APCS module and reconnect to the PC first.
3. If hardware detection fails disconnect from the PC USB and install the driver.

Connection

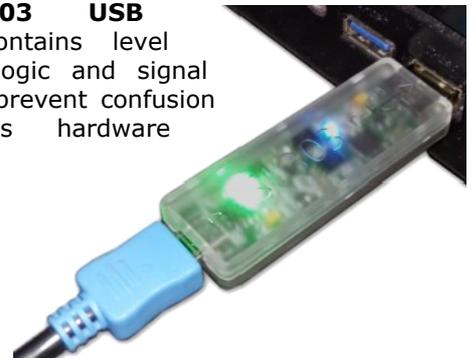
The PC is connected with a standard USB type A extension cable.

- If connecting to a USC701 then the whole assembly is plugged onto the top of the USC701.

Replacement Product for SL303

If programming an SL series module the SL303 should be ordered instead.

The SL303 USB Isolator contains level translation logic and signal blocking to prevent confusion in windows hardware detection.



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