SEL USB Port Driver Installation Instructions for Microsoft Windows

Introduction

The following instructions for USB driver installation are specifically for the Microsoft Windows[®] operating system. Some steps may be different and some screens may be changed depending on the version of Windows you are using.

These instructions apply to the following relays:

- ► SEL-311C Transmission Protection System
- ► SEL-351-5, -6, -7 Protection System
- ► SEL-351A Protection System
- SEL-351RS Kestrel Single-Phase Recloser Control
- ► SEL-351S Protection System
- ► SEL-651RA Recloser Control
- ► SEL-651R-2 Advanced Recloser Control
- ► SEL-T400L Time-Domain Line Protection
- ► SEL-T401L Ultra-High-Speed Line Relay

Installation

Step 1. Connect the relay to your PC with an SEL-C664 cable or any standard A-to-B USB cable. Your PC will recognize that a new device has been connected and will likely be able to locate the proper driver automatically. The following message will be displayed, indicating that Windows is setting up the **SEL Fast CDC USB Device**.



If the Windows operating system was able to successfully install the USB port driver, you will see the following message indicating the device is ready.



The USB port driver is now installed, and a new virtual COM port (e.g., COM3) is ready for use. Refer to *Step 8* if you require additional verification that the USB port driver was successfully installed. Otherwise, the installation is complete and no further steps are necessary.

NOTE: In some cases, the Windows operating system may not be able to automatically install the USB port driver. In this case, close the **Found New Hardware Wizard** (if it is activated), and follow *Step 2* through *Step 7* to manually install the USB port driver. If you are unable to install the driver, it may be because of the computer policy set by your organization and you should contact your system administrator for assistance.

- Step 2. Retrieve the USB driver file "SEL Fast CDC USB Device.inf" from the appropriate product page on the SEL website (selinc.com), from the corresponding Product Literature CD, or from the ACSELERATOR QuickSet[®] SEL-5030 Installation CD. Place the .inf file in any convenient directory, such as C:\SEL\Drivers\Relay_USB\.
- Step 3. Open the Windows Device Manager by typing **device manager** in the Windows search bar and selecting **Device Manager**.

Step 4. Expand Other Devices, right-click SEL Fast CDC USB Device, and select Update driver.

NOTE: For certain Windows configurations, the SEL Fast CDC USB Device may automatically install and appear under **Ports (COM & LPT)**. In this case, skip to *Step 8* to verify the USB port driver was successfully installed.

📸 Device Manager	
File Action View Help	
4	
> 🤣 Batteries	
D 🔁 Computer	
Disk drives	
Display adapters	
DVD/CD-ROM drives	
▷ Q _{iji} Human Interface Devices	
> - Keyboards	
▷-P Mice and other pointing devices	
▶ ▶ Monitors	
Network adapters	
▲ · 👔 Other devices	
SEL Fast CDC USB Device	
▶	
▷ · □ Processors	
Sound, video and game controllers	
Storage controllers	
▷	
Universal Serial Bus controllers	

Step 5. Click Browse my computer for driver software.

<u>i</u> u	Ipdate Driver Software - SEL Fast CDC USB Device	
Hov	v do you want to search for driver software?	
•	Search automatically for updated driver software Windows will search your computer and the Internet for the latest driver software for your device, unless you've disabled this feature in your device installation settings.	
•	Browse my computer for driver software Locate and install driver software manually.	
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NOTE: A Windows prompt may inform you that the best drivers are already installed for the device. In this case, skip to *Step 8*.

Step 6. Click **Browse** and select the location of the USB driver you copied in *Step 2*.

	×
0	Update Driver Software - SEL Fast CDC USB Device
	Browse for driver software on your computer
	Search for driver software in this location:
	C:\SEL\Drivers\Relay_USB Browse
	✓ Include subfolders
	Let me pick from a list of device drivers on my computer This list will show installed driver software compatible with the device, and all driver software in the same category as the device.
	Next Cancel

Step 7. If Windows Security alerts you of its inability to verify the publisher, select **Install this driver software anyway**.

Vindows Security			
\bigotimes	Windows can't verify the publisher of this driver software		
	_		
	-	Don't install this driver software	
		You should check your manufacturer's website for updated driver software for your device.	
	•	Install this driver software anyway	
		Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.	
	See det	tails	

Step 8. Verify that the driver has been successfully installed. The SEL Fast CDC USB Device should be listed in the Device Manager under Ports (COM & LPT).

🚔 Device Manager 💿 📼						
File Action View Help						
Batteries Computer Disk drives Display adapters Dis						
Sound, video and game controllers						
Storage controllers						
A system devices						
þ - ♥ Universal Serial Bus controllers						

The USB port driver is now installed, and a new virtual COM port (e.g., COM3) is ready for use. Device Manager updates the available COM ports each time a cable is inserted or removed.

To test the USB port and the newly installed driver, follow these steps:

Step 1. Launch QuickSet, and select **Communications > Parameters** from the menu, or click the **Communication** icon from the opening screen.

For the SEL-300 Series Protection System, SEL-300 Series Recloser Control, and SEL-600 Series Recloser Control products, see the *PC Software* section of the respective product instruction manual for more information on QuickSet. For the SEL-T400L and SEL-T401L, see the *Engineering and Operator Access Interfaces and Tools* section of the respective product instruction manual for more information on QuickSet.

Step 2. Select the new COM port created by the driver installation process, e.g., COM3.

Ignore other settings like Parity and Data Speed. They do not affect how the USB port operates and are only presented to the operating system to retain compatibility with certain applications.

- Step 3. Select Communications > Terminal from the menu, or click the terminal icon on the tool bar.
- Step 4. Log in to the relay normally.

The USB port should work similarly to an EIA-232 port, only much faster. See the product instruction manual for the connected device for more information about the USB port.

Technical Support

We appreciate your interest in SEL products and services. If you have questions or comments, please contact us at:

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Operator safety may be impaired if the device is used in a manner not	La sécurité de l'opérateur peut être compromise si l'appareil est utilisé
specified by SEL.	d'une façon non indiquée par SEL.

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This product is covered by the standard SEL 10-year warranty. For warranty details, visit selinc.com or contact your customer service representative.

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