

SEL-C662 USB Serial Cable



Features and Benefits

- ▶ USB to EIA-232 ensures fast, temporary communication between your USB Type-A or Type-C equipped personal computer and an SEL device featuring an EIA-232 DB-9 serial port.
- ▶ A DTE/DCE switch allows flexibility in the devices to which the SEL-C662 can connect.
- ▶ A 5 Vdc switch allows positive 5 volts on Pin 1 to power other converters and transceivers.
- ▶ Supports serial data rates up to 115,200 bps.

Device Applications

Provides a temporary connection to IEDs for settings manipulation and engineering access.

SEL USB Driver

Download the Windows USB driver from <https://selinc.com/products/usb-serial/support/>.

Drivers for Windows 11(x64 and ARM64), 10 (32-bit and 64-bit), and 8/7/Vista/XP (32-bit and 64-bit) are available. Compatible with x64 and ARM processor architectures.

DTE/DCE Switch Selection

A DTE/DCE switch is available to select whether the SEL-C662 operates as data terminal equipment (DTE) or as data communications equipment (DCE).

When the SEL-C662 is connected to an SEL relay or communications processor port, the DCE position must be selected.

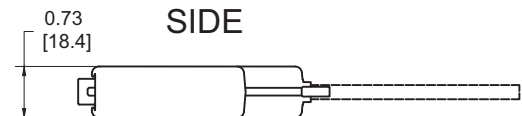
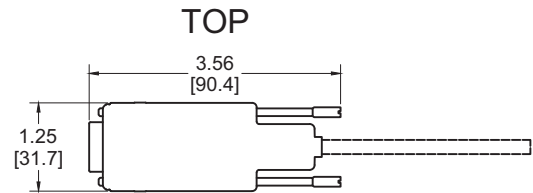
Function	Pin	DCE	DTE
N/C or +5 V ^a	1		
RXD	2	>	<
TXD	3	<	>
N/C	4		
GND	5		
N/C	6		
RTS	7	<	>
CTS	8	>	<
GND	9		

a. N/C when "5 V PIN1" switch is in off position.
+5 V when "5 V PIN1" switch is in on position.

< Input to USB Serial Cable.

> Output from USB Serial Cable.

Dimensions



LEGEND
← in →
[mm]

Specifications

Compliance

Designed and manufactured under an ISO 9001-certified quality management system.

CE Mark

UKCA Mark

CFR 47 Part 15.107, 109 A

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operating in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area may be likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

General

Data Rate: As high as 115,200 bps, full duplex

USB Port

Interface: USB 2.0

Connector: Type A or Type C

Serial Port

Serial Protocol: EIA-232

Connector: DB-9 male

Environmental

Operating Environment

Indoor Use Only

Insulation Class: III

Pollution Degree: II

Overvoltage Category: II

Operating Temperature: 0° to +40°C

Non-Operating Temperature: -40° to 85°C

Relative Humidity: 10% to 95% RH, non-condensing

Altitude: 0–2000 m

Type Tests

Electromagnetic Compatibility Immunity

EMC Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use: IEC 61326-1:2020

US 47 CFR Pt 15 FCC Rules: Class A Device

Canada ICES-001 (A) / NMB-001 (A)

Safety

Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use: IEC 61010-1:2010

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Date Code 20261219

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