



Accessory Information Sheet

Raymar Modem for Use With SEL Products

SUMMARY

SEL has qualified a Raymar-Telenetics telephone modem, which is available for ordering from SEL. The external modem provides communications over switched telephone lines. It has the following important features over the previous model offered by SEL:

- Product design that uses modern components.
- Increased operating temperature range of -40° to $+85^{\circ}\text{C}$.
- Form factor that is less than half that of the previous modem.
- Power provided by +5 Vdc through a serial port by most SEL devices or, alternatively, through a separate, included ac transformer.
- Metal enclosure.
- LED indicators on top of the modem.
- Support for 300 bps to 56 kbps.

BACKGROUND

SEL qualifies selected devices provided by other suppliers for use with our products. We often provide the option for our customers to order qualified items through SEL. These services provide users with confidence that the components will work together appropriately and simplify the procurement process for accessory devices.

This modem communicates with SEL-100, SEL-200, SEL-300, SEL-400, SEL-500, and SEL-700 series relays, as well as SEL-3530 Real-Time Automation Controllers (RTACs) and SEL-2032, SEL-2030, and SEL-2020 Communications Processors.

In part, we are making this change to control quality and availability for our customers. The previous modem was at the end of its product life due to obsolescence of several essential components, which led to quality and availability concerns. In response, we initiated a project to identify and evaluate alternative suppliers, resulting in the qualification of the Raymar modem.

ACTION

SEL communications processors, RTACs, and SEL-100, SEL-200, SEL-300, and SEL-400 series relays can provide power for the modem through their serial ports, using power wires in the EIA-232 communications cables. For modem power and data connections with SEL-100 series relays or the SEL-PRTU, use the SEL-C420 Cable. For SEL communications processors, RTACs, and SEL-200, SEL-300, and SEL-400 series relays, use the SEL-C220 Cable. The modem part number is 240-0205, and the part description is **MODEM,56Kbps,V.92BIS**.

For SEL-500 and SEL-700 series relays, order the modem and the SEL-C222 Cable. The ac power adapter is included with the modem.

FACTORY ASSISTANCE

Contact your customer service representative to order the new modem and cables.

The employee owners of SEL are committed to making electric power safer, more reliable, and more economical. We encourage you to keep us informed of ways we can serve you better. If you have questions or comments, please contact us at:

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