

PLC ProTech Ltd.

Industrial Automation Components

TECHNICAL DOCUMENTATION

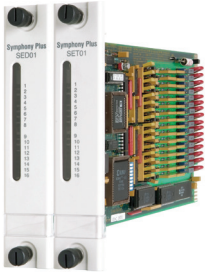
SYSTEM INTEGRATION & REPLACEMENT SUPPORT GUIDE

PLC ProTech Ltd. stands at the intersection of complex industrial challenges and high-performance solutions. As a premier global supplier, we specialize in delivering 100% Brand New, factory-sealed components from world-leading brands including ABB, GE, and Honeywell. We maintain an extensive inventory of hard-to-find and discontinued PLC/DCS modules, offering Same-Day Dispatch to over 150 countries. Backed by a 12-month warranty, we empower your operations with technical integrity and peace of mind.

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HR Series I/O modules – Sequence of events



SPSET01 and SPSED01

SPSET01 and SPSED01

The SPSET01 sequence of events timing module processes up to 16 digital field inputs, and receives and decodes the time synchronization link information sent by the SPTKM01 module. Each channel is optically isolated and can be individually programmed for 24 VDC, 48 VDC, 125 VDC and 120 VAC input.

The module communicates with the controller over an I/O expander bus. Only one SPSET01 module can operate on an I/O expander bus segment.

The SPSED01 sequence of events digital input module is similar to the SPSET01 module except that it only processes the 16 digital field inputs. It does not process information from the time synchronization link. Up to 63 SPSED01 modules can operate on an I/O expander bus segment along with one SPSET01 module.

Technical data	
Power requirements	+5 VDC, $\pm 5\%$ at 350 mA typical
Microprocessor	16 bits at 10 MHz
Memory	64 KB RAM 64 KB ROM
Digital input channels	16 optically isolated channels 24 VDC ($\pm 10\%$) 48 VDC ($\pm 10\%$) 125 VDC ($\pm 10\%$) 120 VAC ($\pm 10\%$) (only for system control logic)
Ambient temperature	0 °C to 70 °C (32 °F to 158 °F)

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NEED A QUOTE OR TECHNICAL PARTS REPLACEMENT?

Company Name: [PLC ProTech Ltd.](#)

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Our Service Guarantee:

- 100% Brand New Original & Factory Sealed Components
- 12-Month Quality Warranty on All Industrial Parts
- Worldwide Same-Day Fast Dispatch via DHL / FedEx

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