



PRODUCT CATALOG

ABB ABILITY™ SYMPHONY® PLUS

ENGINEERED
TO OUTFIT



HR SERIES I/O MODULES

Sequence of events



SPSET01

SPSET01

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 SPSET01 modules communicate with the controller over I/O expander bus. Up to 64 SPSET01 modules can operate on one bus segment, with only one module enabling time synchronization link receiving function, and all the other modules being set only processing the 16 digital field inputs.

Technical data	
Power requirements	+5 VDC, ±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 (±10%) 48 VDC (±10%) 125 VDC (±10%) 120 VAC (±10%) (only for system control logic)
Ambient temperature	0 °C to 70 °C (32 °F to 158 °F)