

SEMS

F05-0127 Time Delay Kit

TIME DELAY UNIT KIT F05-0127



The Time Delay Unit Kit is comprised of the B05-0483 Time Delay PC board, two right angle mounting brackets and mounting hardware. The B05-0483 PC board provides a time-on or time-off delay for applications requiring a delayed time response. This type of time delay is also referred to as a single shot function. There are a variety of time delay functions available in the market for long time cycles of 1 second or greater, but time cycles of less than 1 second or even milliseconds are not readily available. The SEMS has specifically designed a series of time delay PC boards to meet this need for short time delays. Many industrial applications have requirements for on/off time delays in the millisecond range. The B05-0483 can be adjusted to meet an on or off time delay from 5 to 100 milliseconds.

The unit is designed to mount as a separate device for providing a time delay or as an accessory PC board to a variety of industrial relays and solid state modules. This allows the solid state module to provide a time delay switching function in a very practical way. The solid state module can be of a DC or AC output type. The input requirement for the solid state module must be an industry standard of 3.5 to 32 VDC. The B05-0483 interfaces to this standard input with a +12 volt switching signal. The B05-0483 can be mounted in a variety of positions, two of which are shown in the photographs. The right angle mounting brackets can be used as needed.



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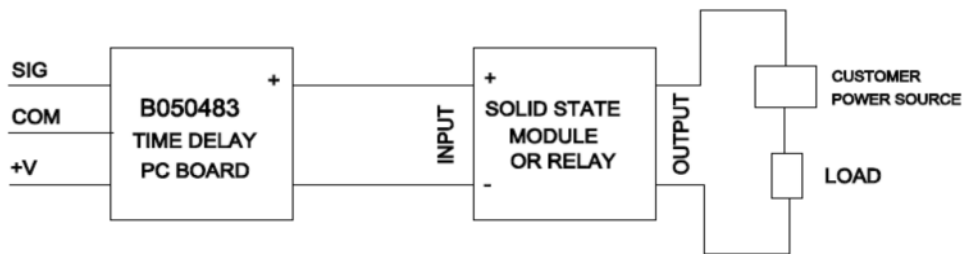


The B05-0483 specifications:

Input power	+12 VDC @ 10 ma.
Input trigger signal	+12 V positive edge or negative edge Selected with jumper
Output signal	+12 V pulse into a 1500 ohm load For duration of time delay setting Normally On or Normally Off Selected with jumper
Time Delay Adjustment	5 to 100 milliseconds Other ranges are available on request.
Mechanical Dimensions	2.8 in (71mm) x 1.8 in (46mm) x 0.7 in (19mm) Module mounting holes 1inch (25mm) centers

Kit parts list:

1 pc	B05-0483 PC Board
2 pcs	C05-0863 Bracket
2 pcs	C11-0044G4 screw
2 pcs	C11-0009G3 washer



TYPICAL ELECTRICAL CONNECTIONS

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