

# SEL-2506

Remote I/O Module

Part Number:

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## Mounting

Horizontal Rack Mount							0			
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## Power Supply

48/125 Vdc or 125 Vac								3		
125/250 Vdc or Vac								4		

## Communications Interface

EIA-232, DB-9 Pin Connector								0		
SEL-2800 Compatible (V-pin connector, 200 μm core multimode fiber, 650 nm, 500 m range)								1		
SEL-2815 Compatible (ST connector, 62.5 or 50 μm core multimode fiber, 820 nm, 15 km range) <sup>†*</sup>								2		
SEL-2830 Compatible (ST connector, 9 or 10 μm core single-mode fiber, 1300 nm, 80 km range) <sup>†*</sup>								3		
SEL-2829 Compatible (ST connector, 9 or 10 μm core single-mode fiber, 1300 nm, 23 km range)*								4		
SEL-2831 Compatible (ST connector, 9 or 10 μm core single-mode fiber, 1550 nm, 110 km range) <sup>†*</sup>								5		

## I/O Board Configuration

I/O Board with 8 Standard Outputs, 8 Inputs									1	
I/O Board with 8 High Speed Outputs, 8 Inputs*									5	

## Control Input Voltage

24 Vdc									1	
48 Vdc									2	
110 Vdc									3	
125 Vdc									4	
220 Vdc									5	
250 Vdc									6	

## Conformal Coat

None										X
Conformal Coated Circuit Boards*										2

## Accessories

Literature										
Printed Instruction Manual <sup>(2)</sup>										P M 2 5 0 6 - 0 1

\* Additional Cost

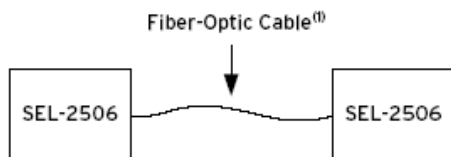
<sup>†</sup> Includes one 91560 attenuator for use on links less than 2 km (SEL-2815 compatible) or 16 km (SEL-2830 & SEL-2831 compatible).

Note: Order part number 9260010 for additional SEL-2506 label kits.

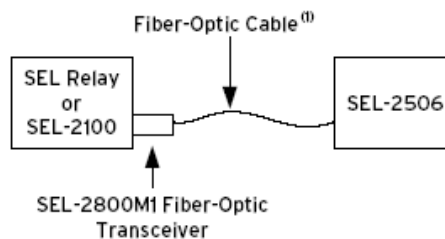
### Complete Your Order

The SEL-2506 Remote I/O Module translates between device I/O and MIRRORING BITS<sup>®</sup>, which is communicated over fiber optics. There are at least two methods for transferring MIRRORING BITS between devices. To complete your order, select the additional components outlined in the alternatives below.

**Method 1. To connect two SEL-2506 Modules together using fiber-optic cable.**



**Method 2. To connect one end of the fiber-optic cable to an SEL-2506 Module and the other end to a MIRRORRED BITS port on an SEL device.**



(1) For V-pin or ST terminated 200  $\mu\text{m}$  core fiber-optic cable, use SEL-C805 Multimode Fiber-Optic Cable (WI-4092). For ST terminated 62.5  $\mu\text{m}$  core fiber-optic patchcords, use SEL-C807 Multimode Fiber-Optic Patchcord (WI-4132). For ST terminated 9  $\mu\text{m}$  core fiber-optic patchcords, use SEL-C809 Single-mode Fiber-Optic Patchcord (WI-4133).

(2) The SEL-2506 comes standard with a CD manual. One complimentary printed instruction manual is available upon request with each product purchased.

***Making Electric Power Safer, More Reliable, and More Economical<sup>®</sup>***

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