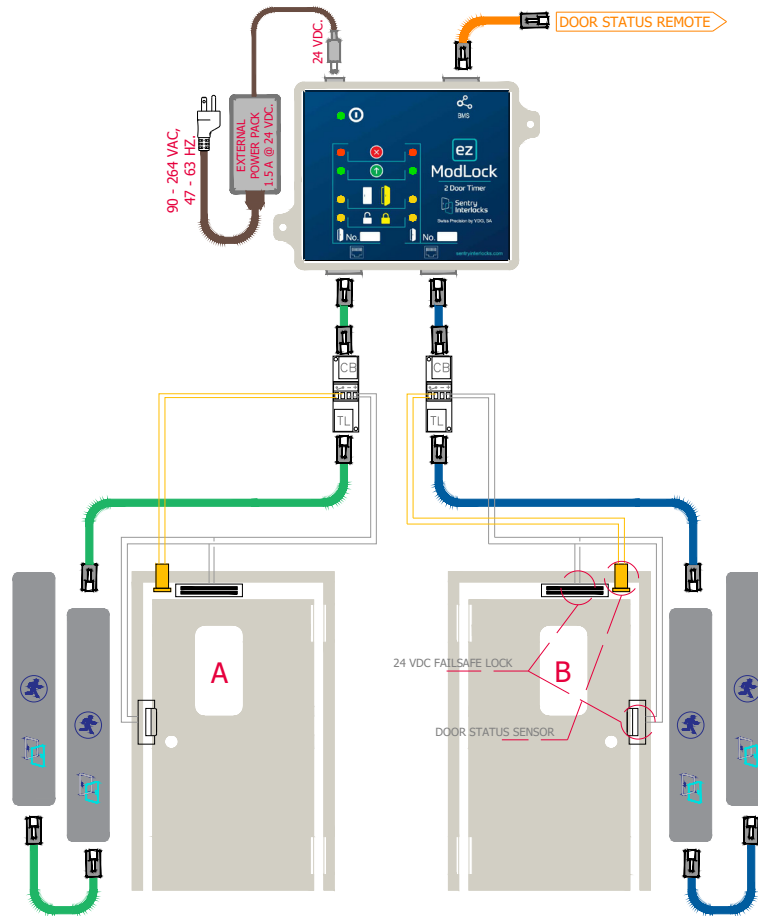# EZ ModLock® – 2 Door Timer

Product Description

- EZ ModLock – 2 Door Timer is the ideal solution for the simple 2 doors "mantrap" applications, such as gowning rooms, Material Air Lock (MAL), and Personnel Airlock (PAL), where the doors are normally unlocked and a time delay is required prior to opening.

- EZ ModLock – 2 Door Timer can manage manual swing doors, manual sliding doors, or even a static Pass Through. For automatic doors, use the EZ ModLock – Multi Door Access.

- The interactive LEDs on the module indicate real-time door status, electric lock status as well as the door indictator status. The EZ ModLock – 2 Door Timer module can manage any 24VDC failsafe electric lock.

- The only applicable logic for a 2 door "mantrap" is logic "L1," (also known as "room logic"), which means that any time one of the doors is open, the other door's lock will be actuated.

- The adjustable time delay allows classified spaces to be reconditioned to specification after a door opening and closing. Once a door in the system is closed, both the door locks will actuate and only unlock after a time delay (settable from 0 to 60 sec.). On the rear of the module is a rotary timer switch and 2 DIP switches to set the desired door open/close scenario – the user can select if both or only 1 door generates the time delay.

- Every module ships with 2 dry contact relay outputs that replicate door status and can be connected to the digital inputs of a Building Management System (BMS) for the monitoring and analysis of door operations.

- Optional Accessories include Door Lock Status Indicators, Door Control Pushbuttons and Emergency Override Switches

Diagram labels: DOOR STATUS REMOTE; 24 VDC.; 90 - 264 VAC, 47 - 63 HZ; EXTERNAL POWER PACK 1.5A @ 24 VDC.; ez ModLock 2 Door Timer Sentry Interlocks; BMS; CB; TL; A; B; 24 VDC FAILSAFE LOCK; DOOR STATUS SENSOR

EZ ModLock – 2 Door Timer Product Specifications	
Part Number	EZML2DTA1
Power Requirements	24VDC, 1.5 amps
Power Supply	UL Listed, 90-264VAC to 24VDC, 47-63Hz, 1.5A
Module Dimensions (H x W x D)	3.75" x 4.25" x 1.5" (95 x 108 x 38mm)
Module Material	Plastic with integrated mounting ears
Connections	Door 1 and Door 2: Cat 5 cable with RJ45 connector BMS: Cat 5 cable with RJ45 connector
LED Indicators	Door status, electric lock status, door indicator status
Number of Doors Connected/Managed	2/2
Door Opening Logic	L1
Door Opening Logic Programming	Qty 2 DIP switches
Recovery Time Programming	Qty 1 settable rotary switch, 0-60 seconds in 5 second increments
Door Initial State	Normally unlocked
Automated Door Management	No
Warranty	2-year limited warranty