TROUBLESHOOTING

Possible Trouble	Probable Cause	Suggested Remedy	
Door lockset is not secured by Electric Strike	 Centerline of lockset is not properly aligned to the centerline of the electric strike. 	Check for proper cutout installation of Electric Strike by referring to template and door frame and lockset position.	
	2) Latch does not project	Check for excessive gap between door and jamb.	
	properly into the cavity of the electric strike	Check that lockset is compatible with EN series cavity and requirements. If necessary, use other type of lockset or Electric Strike (refer to Trine Catalog for more information).	
	3) Latch Spring broken or missing	Hold Electric Strike so that wiring faces down and apply pressure to Latch. Verify that Latch releases and that there is sufficient Spring tension to push it to closed positionwhen released. If Latch does not have Spring tension, disassemble Electric Strike and inspect for improperly installed or broken Spring.	
Electric Strike does no energize	1) Wiring to electric strike is open or shorted.	Check that electrical connections are secure and that no fraying has occurred during installation. Use verify that Electric Strike is receiving energizing voltage and that wiring is not shorted.	
(activate)	2) Insufficient voltage to electric strike.	Verify that voltage rating on Electric Strike label is compatiblewith voltage from secondary transformer (12V or 24V). If voltages do not match, either replace transformer or change Electric Strike or Coil Assembly.	
		Use voltmeter to verify that Electric Strike is receiving proper voltage and that wiring is not shorted.	
		If voltage is too low because wire size is too small for length or wiring to Electric Strike (see wiring-length data on previous page), either replace wiring or use transformer with higher VA rating.	
	3) Slider does not move when coil receives proper voltage	Using an OHM meter, verify that resistance of the Coils matches the chart on page 3. If Coil is open (burned out verify that transformer for Electric Strike has correct voltage current AC/DC and is wired correctly. AC Coils do not operate at continuous duty, or on DC voltage.	
		Check that Slider (2) floats freely, as follows:	
		Remove Electric Strike from jamb and hold with wires facing up. Test that Strike is locked by applying pressure to Latch. Then turn Strike upside down with wires facing down and verify that Latch opens freely by applying pressure. The locking Slider (#2) must float freely for unit to operate properly.	
Electric Strike energizes but does not disengage	1) Lockset is applying pressure to electric strike, preventing	Check for proper cutout installation of Electric Strike. Latch requires proper clearance to open correctly and provide path for Lockset Latch to engage Strike.	
	aun nom releasing.	Check that Lockset Latch is not binding to bottom of Strike cavity due to door sag.	
		Check if foam insulation or the materials around door jamb are preventing door from closing flush, causing door to put pressure on Latch.	

EN950 & EN960 ELECTRIC STRIKE

(With or without suffix "W" for wood) **INSTALLATION INSTRUCTIONS**

Congratulations on the purchase of this quality TRINE security product. This product has been designed to install easily, perform reliably, and provide years of trouble free security.

BEFORE proceeding with your installation, please review the following list of features. If you have any questions after reading this document please call TRINE's TECHNICAL SUPPORT (203) 730-1756 EXT. 447, or visit the TRINE web site at www.trineonline.com

PARTS LIST

Index No.	Name Part	Number
1	EN400 Latch	EN-LCH
2	Slider	EN-SLR
3	Coil Assembly (12V)	EN-CA-12DC or EN-CA-12A
	Coil Assembly (24V)	EN-CA-24DC or EN-CA-24A
4	Screws (2) #4-40 x 1/8" (Cover)	EN-SCR 1/8
5	Frame Cover	EN-FR.C
6	Screws #4-40 x 1/4" (Coil)	EN-SCR 1/4
7	Frame **	EN-FR400
8	Assembly Pin*	EN-ASS.PN
9	Spring	EN-SPR
10	Latch Pivot Pin	EN-LCH-PV-ST
11	Slider Guard	EN-GRD
12	Support Plate	EN-9-SP
13	Mounting Screws (2) #12-24 x 1/2"	EN-MTS
14	Shim Kit (3) 1/16" Shim	EN-UNV-SHIM
15	Shim Screws (2) #6-32 x 1/4"	EN-SHIM-SCR-S
16	Shim Screws (2) #6-32 x 3/8"	EN-SHIM-SCR-L

indicates part in Parts List.



EN SERIES ELECTRICAL CHARACTERISTICS CHART

<u>Voltage</u>	<u>Amps</u>	<u>Ohms</u>	Duty	<u>Sound</u>
12AC	0.70	4.5	Intm.	Buzz
24AC	0.37	18.0	Intm.	Buzz
12DC	0.28	43.0	Intm./Cont.	Silent
24DC	0.15	164.0	Intm./Cont.	Silent

FOR ADDITIONAL INFORMATION, HELP, ACCESS TO SPECS ON **A OUR FULL LINE OF PRODUCTS, OR ADDITIONAL CONTACT OPTIONS PLEASE VISIT OUR WEBSITE**

www.trineonline.com

V. 18.0105

TRINE ACCESS TECHNOLOGY

PHONE: (203) 730-1756 FAX: (203) 730-1781 2 PARKLAWN DRIVE, BETHEL, CT 06801 email: customerservice@trineonline.com website: www.trineonline.com







ACCESS TECHNOLOGY 2 Parklawn Dr | Bethel | Connecticut | 06801



UL LISTED - 10B fire rated (class A, 3-hour, Single Swing Doors)

UL LISTED - 294 Access Control System Units

UL LISTED - 1034 Burglary Resistant Locking Mechanism for Indoor or Outdoor Use

ANSI/BHMA - A156.5 - 1992 - 4-7/8" x 1-1/4" Fits Cutout Specification A115.1 (with Slight Jamb Modification)

- -12AC -24AC
- NOTE: UL fire listing is void when using fail safe action or RP latch for Rim Panic Devices. All models have bene evaluated for the following performance levels per UL 294 6th edition:

BHMA - Grade 1

NYC MEA - 79-01-E

	ounon		
Destructive Attack	Access Control Line Security	Endurance	Standby Power
	1	IV	

Listed Class 2 Power-limited burglary power supply

OPERATING TEMP RANGE: -20°C TO +40°C



<u>.2V</u>	<u>24V</u>
.8AWG	20AW0
.6AWG	18AW0
.4AWG	16AW0
2AWG	14AW(

* BUZZER: BZ-12 OR BZ-24 BZ-6 FOR LC VERSION OPTIONAL*