



## MODULAR IGNITION RAIL SYSTEM FOR NATURAL GAS ENGINES

EZRail is a comprehensive line of modular ignition wiring and coil-mounting systems. Factory-built in Altronic's Ohio facility, EZRail systems are thoroughly tested to ensure maximum reliability and performance.

### Operational and functional benefits include:

- **Complete wiring/mounting system** from the ignition unit to the ignition coils. Eliminates hours of wire and conduit cutting in the field. Guarantees against skinned insulation due to long conduit pulls.
- **Universal design** takes advantage of standard cables, wiring rails and integral/flange or off-mounted coils (shielded or unshielded). EZRail systems can be cost-effectively configured for service in any hazardous or non-hazardous area. Optional bolt-on coil rails give users a robust and reliable means of mounting ignition coils without compromising the integrity of the wiring rail or the ability of the rail to be serviced if necessary.
- **Flexible and upgradable.** If coil types are changed, e.g., from unshielded to shielded or integral, the same wiring rail can be used without modification. The same is true if the coil mounting rail is added later. Competing systems require a completely new, entirely different rail assembly.
- **Premium construction materials.** No "pop rivets" or foam here — only high-quality aluminum extrusions, sealed junction boxes, and military-style connectors and harnesses are used. To insure long-term service, all connector back shells are potted and strain-relieved.
- **Fully serviceable.** An ignition wiring rail is too critical to be a "disposable" item. Incorporating standard Altronic ignition components into the design, including the primary and secondary cables and leads, allows for quick, cost-effective repair and service in the field. In the unlikely event that the rail itself requires service (or if on-engine mechanical work is required), the EZRail system can be easily disconnected, removed, and re-installed.
- **Service makes the difference.** EZRail is backed by the most capable and experienced gas engine accessory product distribution system in the world. At the end of the day, good product performance relies upon solid field service. Altronic Distributors and Dealers are unparalleled in their ability to deliver timely, high-quality technical services for all products, including the EZRail system.

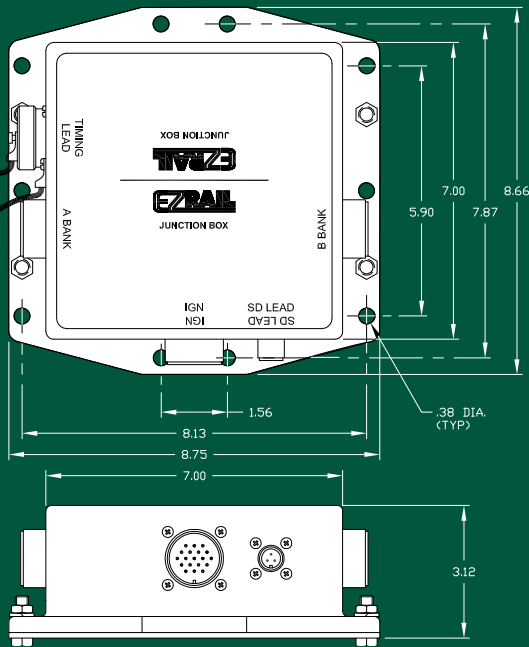


*Shown with optional coil rail mounted to EZRail*

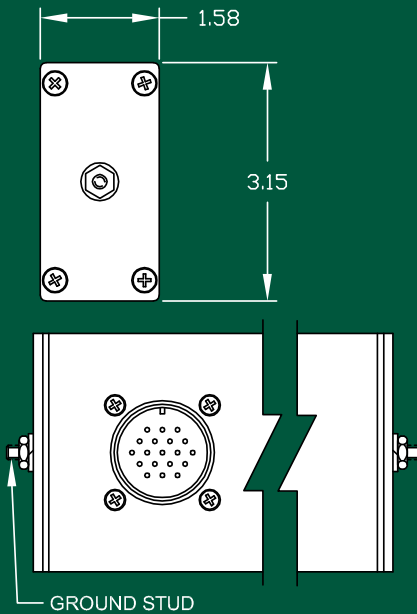


CONFORMS TO REQUIREMENTS FOR Class I, Division 2, Groups C & D

## DIMENSIONS: J-BOX



## DIMENSIONS: EZRail



## GENERAL INFORMATION

### PRIMARY WIRING RAIL ASSEMBLY ..... 5935ab-xyzm

ab = No. Outputs 02-10  
 xy = Engine Mfr. Refer to Form EZRail AL 7-07  
 z = Engine Series Refer to Form EZRail AL 7-07  
 m = Engine Bank A or B

### JUNCTION BOX ..... 593500-xxx

Refer to Form EZRail AL 6-07

### HARNESS: IGNITION TO J-BOX

L = 24, 36, 48, 60, 72 (inches) ..... 793101-L

### HARNESS: J-BOX TO RAIL ASSEMBLY

A Bank L = 24, 36, 48, 60, 72 (inches) ..... 793101-L  
 B Bank L = 24, 36, 48, 60, 72 (inches) ..... 793101-L

### CABLE: SHUTDOWN LEAD

With 180° connector L = 6 to 180 (inches) ..... 593052-L  
 With 90° connector L = 6 to 180 (inches) ..... 593057-L

### COIL PRIMARY CABLE

Unshielded option Cut-to-length ..... 583017-60KT  
 Shielded options L = 12, 18, 24, 30, 36, 48, 60 (inches) ..... 593069-L

### SPARK PLUG LEAD CABLE

Unshielded for Unshielded Coil L = 13, 17, 18, 21, 24 (inches) ..... 593028-L  
 Unshielded for Shielded Coil L = 12, 16, 18, 22 (inches) ..... 593005-L  
 Flashguard Unshielded Leads 4" Ext. L = 12, 16, 18, 20, 24 (inches) ..... See form ASPIA-C  
 Flashguard Unshielded Leads 9" Ext. L = 17, 29, 33, 35 (inches) ..... See form ASPIA-C  
 Safe-T-Leads L = 14, 18, 22 (inches) ..... See form ASPIA-C  
 Shielded Leads 1" Connection L = 10, 13, 16, 18, 24 (inches) ..... 593020-L  
 Shielded Leads 2" Connection L = 10, 13, 16, 18, 24 (inches) ..... 593030-L

### COIL MOUNTING ASSEMBLY (optional) ..... 5805ab-xyz

ab = No. Outputs 02-10  
 xy = Engine Mfr. Refer to Form EZRail AL 7-07  
 z = Engine Series Refer to Form EZRail AL 7-07

### MOUNTING KIT (optional) ..... 515010-KT

Quantity for 3 cylinders/bank 2  
 Quantity for 4-5 cylinders/bank 3  
 Quantity for 6-8 cylinders/bank 4  
 Quantity for 10 cylinders/bank 5



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