



when reliability is critical™

Reliability and Specification Data KIA9000 Series Industrial Keyboards

Document # 820136

Revision 5-1-2014

Industrial Keyboards with Arrow Mouse™ Mouse Pointers

- Anodized aluminum enclosure in beige or black, or stainless steel enclosure
- Molded silicone rubber elastomer keys rated for 10 million cycles
- Excellent tactile feel, 2mm key travel
- Arrow Mouse™ (Arrow Key Mouse Cursors)
- Serial, PS/2, or USB Interface with optional Bulkhead Cable
- Optional MIL-STD-810G, MIL-STD-901D, MIL-STD-1472F, MIL-STD-454, MIL-STD-461

Features

Two stainless steel threaded inserts (mounting holes in bottom plate)
Rugged NEMA 4, NEMA 4X (IP66) for harsh environments
Keys: 2mm travel with excellent tactile feedback
Repairable design
Gray or Black Elastomer
Plug and Play, Port compatible - no drivers required
Legends are silicon ink, oven cured, so as to thermally fuse the ink to the rubber
Direct factory support
Made in the USA

Reliability

MTBF (Mean Time between Failures):	Electronics is greater than 100,000 hours
Operating Temperature:	-40° to 80° C
Storage Temperature:	-40° to 80° C
Shock rating:	30g 11msec. half sine, three axes
Vibration:	10-55 Hz@ 0.013 DA
Elastomer Switches:	Rated for up to 10 million cycles
Keys:	Sealed "Hard" gold plated switch contacts. CTI uses a minimum of 30 to 50 micro inches of Gold over 100 micro inches of Nickel over Copper on our keyboard switch contacts.

NEMA and IP Sealing and Protection Standards

NEMA 4, NEMA 4X (IP66)
Syn-Proof™ coating resists most oils and harsh chemicals
Optional Parylene coating (toughest molecular barrier protection)

Certifications

Meets FCC Class A and B
Meets CE Requirements, RoHS Compliant, REACH Directive Conformance
ESD rated to 15KV