

Reliability and Specification Data for KIO7000 Series Keyboards

Document # 820115

Revision 10-24-2005

Small footprint keyboard including numeric keypad and mouse

- Painted beige or black aluminum enclosure
- Stainless steel enclosure available
- Molded rubber elastomer keys rated for 10 million cycles
- Excellent tactile feel, 2mm key travel
- Includes OrbitalMouse™ (button style mouse)

Features

Two, stainless steel threaded mounting holes (in bottom plate)
Back lighting option: RED or GREEN LED's
Black Elastomer with backlighting option
Gray Elastomer standard
Rugged NEMA 4, 4X (IP66) for harsh environments
Keys: 2mm travel with excellent tactile feedback
Repairable design
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):	for the electronics is greater than 100,000 hours
Operating Temperature:	0 to 80°C
Operating (Optional)	-40 to 80°C
Storage Temperature:	-40 to 80° C
Shock rating:	50g 11msec. half sine, three axes
Vibration:	10-55 Hz @ 0.013 DA
Elastomer keys:	Rated for up to 10 million cycles
Keys:	Sealed gold plated switch contacts.

Sealing and Standards

NEMA 4/4X (IP66)
Syn-Proof™ coating resists most oils and harsh chemicals
Optional Parylene® coating available

Certifications

Meets FCC Class A
Meets CE Requirements
ESD rated to 15KV