



when reliability is critical™

**Reliability and Specification Data**  
**NEMA 4 (IP66) C200XA Series Industrial Switchpad**

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**Industrial Switchpad Features**

- Molded rubber elastomer keys (Gray or Black) rated for 10 million cycles
- Keys: 2mm travel with excellent tactile feedback
- Legends are silicon ink, oven cured, so as to thermally fuse the ink to the rubber
- Optional customized legends or elastomer color
- Made in the USA

**Electrical**

Power @ 5VDC, limit current to < 10mA.  
Recommend at 5VDC, < 1mA.

**Environmental**

Operating Temperature -40°C to 80°C (standard)  
Storage Temperature -40°C to 80°C  
Relative Humidity 100% non-condensing (with "Z" option)

**Sealing & Protection**

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

**Reliability**

MTBF Greater than 100,000 hours  
Life PCB at recommended power level is 10,000,000+ activations  
Syn-Proof™ coated Elastomer is up to 10,000,000 activations  
Parylene coated Elastomer is 10,000,000+ activations  
Keys Sealed "Hard" gold plated switch contacts

**Shock**

Peak, Pulse, waveform: 50g 11msec. half sine

**Vibration**

Frequency Displacement (inches)  
5-25 Hz 0.1  
25-55 Hz 0.03

**Certifications/Compliance**

Compliant with FCC class A and B regulations  
"CE" classification option requires the following modifications:  
a.) Shielded enclosure and shielded cable (made by customer)  
Restriction of Hazardous Substances Directive or RoHS Compliant (Pb free)  
ESD rated to 15KV