

Texzec ActiveMetal™ Switches are engineered to operate in the most rugged environments. Constructed from solid metal, these switches are vandal proof, explosion proof and waterproof. Ideal for Outdoor, Industrial and Military applications.

ActiveMetal™ Switches are available in stainless steel, aluminum with clear anodize, and aluminum with black anodize. Custom design options are also available.



Features and Benefits

- Impact and Vibration Resistant
- Not Affected by Sand and Dust
- Extended Temperature Range
- Will Meet NEMA 4X/IP65
- Operate Outdoors
- Operate in Explosive Environments
- Switches can be Formed in almost any Metal
- Switches can be Formed in Existing Enclosures
- Materials are Resistant to Decontamination Procedures
- Overlays for Switch Illumination and Enhanced Tactility are Available
- Online Diagnostic Reporting

Applications and Markets

- Outdoor: ATMs, Vending, Gas Pumps, POI/POS
- Industrial/Process Control
- Medical/Pharmaceutical/ Clean Room Equipment
- Food Processing
- Military/Aerospace
- Petroleum Exploration/ Refining
- Security
- Vehicular
- Vandal-Resistant POS
- Gaming
- Zero-Force Switches
- Elevators
- Institutional/Corporate/ Decorative Home Lighting and Control

Texzec ActiveMetal™ Switches- Specifications

MECHANICAL

Operational Life:	Unlimited, No Wear Mechanism
Materials:	Stainless Steel, Aluminum: Black/Clear Anodize
Minimum Actuation Force:	User Definable

ELECTRICAL

Voltage:	+5VDC \pm 5%
Max Output Current:	100mA
Residual Current:	2.2mA in Non-Standby Mode
Contact Resistance:	None, Solid State Switch
Contact Bounce:	None, Solid State Switch
EMI/RFI:	No Effect
Switch Mode:	Options: Normally Open or Normally Closed

ENVIRONMENTAL

Temperature: Operating	-40° to +80° C
Storage	-40° to +100° C
Relative Humidity:	No Effect, Electronics are Sealed
Shock:	Tested to 30g in Each Axis
Vibration:	Tested to MIL-STD-810E Basic Trans., Common Carrier
NEMA/IP:	Designed to Meet NEMA 4X/IP65



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