



800-227-0075

<http://www.vimex.com>

Product Specification

GENERAL SPECIFICATION

1.0 SCOPE

This specification defines the basic requirements for all E80T series Miniature Toggle Switches. Specifications on individual data sheets supersede any general specifications provided herein.

2.0 MECHANICAL

2.1 Dimensions: This device shall have the dimensions as shown in the outline drawing. All measurements stated in millimeters.

2.2 Material: Standard materials listed. Others available on request.

2.2.1 Case: glass filled nylon 6/6 (UL94V-0).

2.2.2 Toggle Handle: Brass, chrome plated.

2.2.3 Switch Support: Brass or stainless steel, tin plated.

2.2.4 Contact & Terminal: copper alloy, silver plated.

2.2.5 Terminal Seal: Epoxy

2.3 Durability/Electrical Life: 50,000 make and break cycles at full load.

2.4 Weight & packing: Polybag or plastic tray inside corrugated cardboard carton. Quantities vary with item.

3.0 ELECTRICAL

3.1 Rated Voltage: per following table.

CONTACT MATERIAL	TERMINAL MATERIAL	RATING
Silver plated	Silver plated	5A@120VACor 28VDC; 2A@250VAC
Gold plated over Nickel plated	Gold plated over Nickel plated	0.4VA@20VACor VDC maximum
Gold plated over Silver plated	Gold plated over Silver plated	0.4VA@20VACor VDC maximum or 5A@120VACor 28VDC; 2A@250VAC
Gold plated over Nickel plated	Tin-lead over Nickel plated	0.4VA@20VACor VDC maximum

3.2 Dielectric Strength: 1,500 V RMS @ sea level.

3.3 Contact Resistance: 10m Ω maximum initial @2-4 VDC, 100mA

3.4 Insulation Resistance: 1,000M Ω minimum.

3.5 Operating Temperature: -30°C to +85°C.

3.6 Electrostatic Discharge (ESD): Dissipates up to 20,000 VDC from actuator to ground (F1 conductive bushing only).

				Description:	General specifications for E80T Sealed Miniature Toggle Switches.
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