## GENERAL SPECIFICATIONS

**Electrical Capacity** 

Resistive Load: 6A @ 125V AC, 3A @ 250V AC, or 5A @ 30V DC

Other Ratings

**Contact Resistance:** 10 milliohms maximum

Insulation Resistance: 200 megohms minimum @ 500V DC Dielectric Strength: 1,500V AC minimum for 1 minute minimum

Mechanical Life: 15,000 operations minimum Electrical Life: 7,500 operations minimum

Indexing:

Contact Timing: Nonshorting Range of Operating Torque: 0.15 ~ 0.24Nm

Materials & Finishes

Phenolic resin Knob:

Shaft: brass **Bushing:** brass

Case: Phenolic resin

Movable Contacts: phosphor bronze brass with silver plating Stationary Contacts:

Terminals: phosphor bronze;

**Environmental Data** 

Operating Temp Range: -10°C through +70°C (+14°F through +158°F)

Humidity: 90 ~ 98% humidity for 96 hours @ 40°C (104°F)

Vibration: 10 ~ 55 Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range

& returning in 1 minute; 3 right angled directions for 2 hours

Shock: 50G (490m/s²) acceleration (tested in 3 right angled directions, with 3 shocks in each direction)

Installation

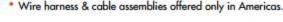
2.94Nm (26 lb•in) Mounting Torque:

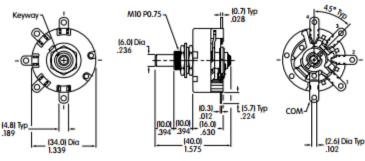
Maximum Panel Thickness: Shown with panel cutouts in following drawings

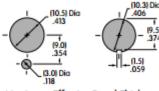
Manual Soldering (HS series only): Soldering Time & Temperature:

## 6 AMP SINGLE POLE/NONSHORTING/45° INDEXING Number of Schematics Round Stopper Number of Load Shaft **Positions** Settings Terminals 1 Terminals HS13Y 3 Fixed 1 COM, 3 LOAD 1, 2, & 3

Switch is viewed from shaft end and shown in position 1. Terminal numbers are not on switch. Standard Hardware shown on last page of this section.







Maximum Effective Panel Thickness With Locking Ring .150" (3.8mm) Without Locking Ring .189" (4.8mm)

