

Specifications

Shallco Series C, D, E & F

Open Frame Rotary Selector Switches

These products are manufactured of premium grade materials selected to withstand moderate environments and provide reliable service. They meet or exceed the general requirements of MIL-S-3786, a military specification for rotary switches.

Electrical Specifications

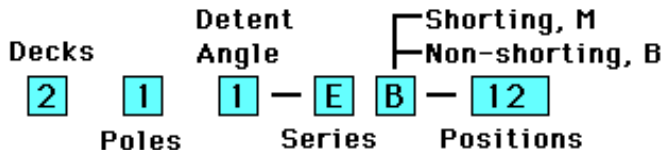
Current carrying capacity--10 amperes
Current switching capacity--up to 2 amperes
Contact resistance-initial-0.005 ohms max.
Contact resistance-after life-0.01 ohms max.
Insulation resistance-50,000 megohms
Dielectric withstanding voltage-1500v rms
Dielectric withstanding voltage after life-1000v rms

Mechanical Specifications

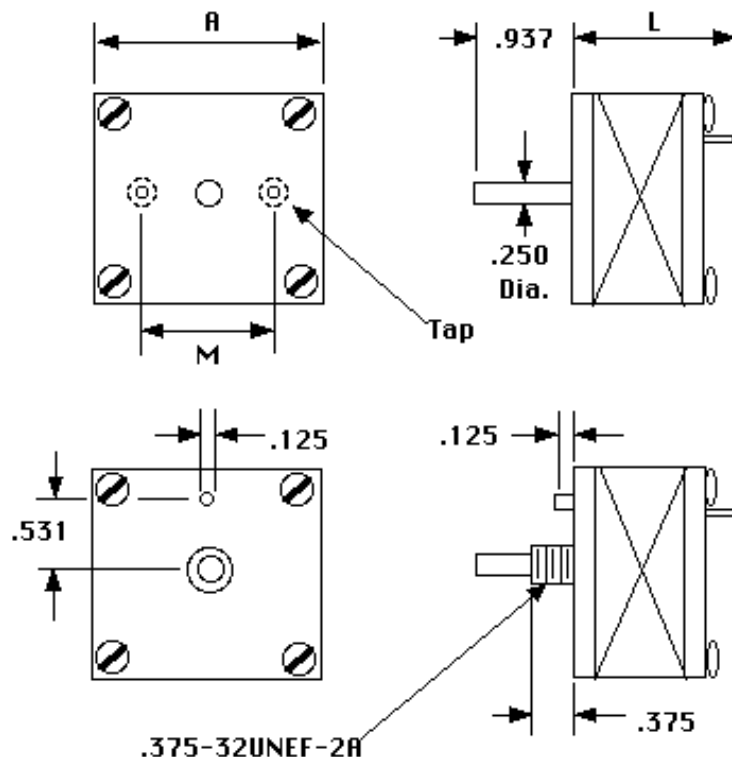
Rotational life-50,000cycles* min. @ .250 amperes @ 85 degrees C
Stop torque-50 pound-inches
Adjustable stops-to any desired position
Optional features: 3/8-32 UNEF-2A bushing mount with "O" ring seals
Progressively shorting wiper assemblies are available for 24, 32, 36 and 40 position devices
* One cycle = one full cw plus one full ccw rotation

Six-place "shorthand" code for specifying part numbers

Refer to product tables for each series to determine available options



Example shown: two deck, one pole/deck, 30 degree detent angle, Series E, non-shorting and 12 positions/pole



Series	A	M	Tap	L	Dpth. (deck adder)
C	1.75	1.375	6-32	1.344	.906
D	2.25	1.500	8-32	1.438	1.063
E	2.75	1.500	8-32	1.438	1.063
F	2.938	1.500	8-32	1.438	1.063

Notes: Switches above 5 decks are provided with tapped rear support standoffs. Add 0.343 inch to depth when rear support spacers are supplied. Special mounting platforms are required above 9 to 10 decks.