

SELECTOR GUIDE

ORIGINALLY DESIGNED AS MIL. SPEC.
ROTARY ELECTRONIC SWITCHES



CHARACTERISTICS

SERIES M4

SERIES M5

SERIES M6

SERIES M7

Page Number	46,47	48,49	50,51	52,53
Construction	ENCLOSED	ENCLOSED	OPEN	OPEN
Diameter	36.32 mm	25.4 mm	44.45 mm	63.5 mm
Positions	2 - 12	2 - 12	2 - 32	2 - 48
E Current and Voltage	0.35A @ 115 VAC	2.5A @ 120 VAC	0.125A @ 115 VAC	0.125A @ 115 VAC
L	1.0A @ 28 VDC	2.0A @ 28 VDC	0.5A @ 28 VDC	0.5A @ 28 VDC
E Current Carrying Capacity	10A	12A	10A	10A
C Dielectric Strength	1,000 VAC	1,500 VAC	1,500 VAC	1,500 VAC
T Insulation Resistance	10,000	100,000	1,000,000	1,000,000
R (megohms)				
I Contact Resistance	5	5	10	10
C (milliohms)				
A				
L				
M Insulation - Glass Epoxy	NO	NO	STANDARD	STANDARD
A Diallyl Phthalate	STANDARD	STANDARD	NO	NO
T				
E				
R				
I Contacts - Silver Alloy ★	STANDARD	STANDARD	STANDARD	STANDARD
A Brass/Silver Plate	NO	NO	NO	NO
L Gold Plate	YES	YES	YES	YES
M Stop Strength (Min.)	2.82 Nm	1.69 Nm	5.65 Nm	5.65 Nm
E Mechanical Life	25,000 cycles	25,000 cycles	25,000 cycles	25,000 cycles
C Detenting Angles: 7.5°	—	—	—	7.5
H 11.25°	—	—	11.25	—
A 15°	—	—	15	15
N 22.5°	—	—	22.5	—
I 30°	30	30	30	—
C 36°	—	36	—	—
A 45°	—	45	—	—
L 60°	—	60	—	—
90°	—	90	—	—
O Quick Connect	NO	NO	NO	NO
P Rear PC Mount	NO	NO	YES	NO
T Vertical PC Mount ★	NO	NO	NO	NO
I Front PC Mount ★	NO	NO	NO	NO
O Dual Concentric Designs ★	NO	YES	NO	YES
N Keylock ★	NO	NO	NO	NO
S Spring Return ★	NO	NO	YES	NO
Water Resistant Seals ★	YES	YES	YES	YES

The M4 and M5 Series use the enclosed frame worksheet on page 5 for custom designs.

The M6 and M7 Series use the open frame worksheet on page 45 for custom designs.

★ Contact factory



ELECTROSWITCH • ELECTRONIC PRODUCTS
UNIT OF ELECTRO SWITCH CORP.

2010 Yonkers Road, Raleigh, NC 27604