

M5 - SERIES

SPECIFICATIONS AND ORDERING INFORMATION

1" DIAMETER 2.0 AMPS @ 28 VDC

The M5 Series was originally designed to meet the requirements of MIL-S-3786/4. Standard construction includes 30° indexing up to 12 positions, solder lug terminals and adjustable stops. A very reliable switch for long life.



SPECIFICATIONS

ELECTRICAL

Current and Voltage Rating: Make and break resistive load 2.0 amps @ 28 VDC; 2.5 amp @ 120 VAC.
Current Carrying Capacity: 12 amps.
Dielectric Strength: 1,500 VAC between current carrying parts and ground.
Contact Resistance: Average initial 5 milliohms.
Insulation Resistance: In excess of 100,000 megohms

Hardware: Mounting nut and lockwasher are shipped assembled.

MECHANICAL

Materials and Finishes: All parts utilize non-corrosive materials as standard.
Terminals: Copper alloy with silver plating as standard.
Insulation: Diallyl phthalate.
Index: Dual-ball, hill and valley design.
Index Life: 25,000 cycles minimum.
Index Torque: Switches have lowest practical torque consistent with crisp detenting and smooth, reliable operation.
Index Angles: Positive 30° standard, 36°, 45°, 60°, and 90° available.
Index Stops: Fixed standard, adjustable, or continuous.
Stop Strength: 15 in. lbs. minimum.

STANDARD PART NUMBER

ADJUSTABLE STOPS

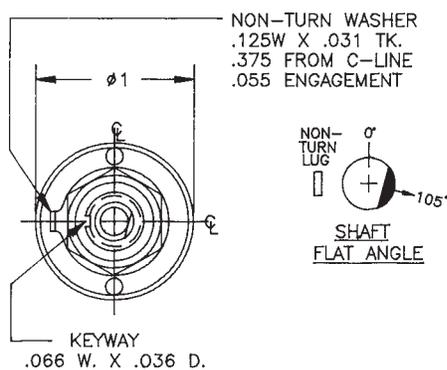
SWITCHES - 30° INDEXING - STOPS SET @ 2 POS. - SOLDER LUG TERMINALS

POLES	ACTIVE POSITIONS	POLES/ DECK	NO. OF DECKS	SHORTING	NON-SHORTING	FIG. ★
01	02-12	1	1	M5D0112S - A	M5D0112N - A	CE
02	02-12	1	2	M5D0212S - A	M5D0212N - A	CE
02	02-06	2	1	M5D0206S - A	M5D0206N - A	CJ
03	02-12	1	3	M5D0312S - A	M5D0312N - A	CE
04	02-12	1	4	M5D0412S - A	M5D0412N - A	CE
04	02-06	2	2	M5D0406S - A	M5D0406N - A	CJ
06	02-06	2	3	M5D0606S - A	M5D0606N - A	CJ
08	02-06	2	4	M5D0806S - A	M5D0806N - A	CJ

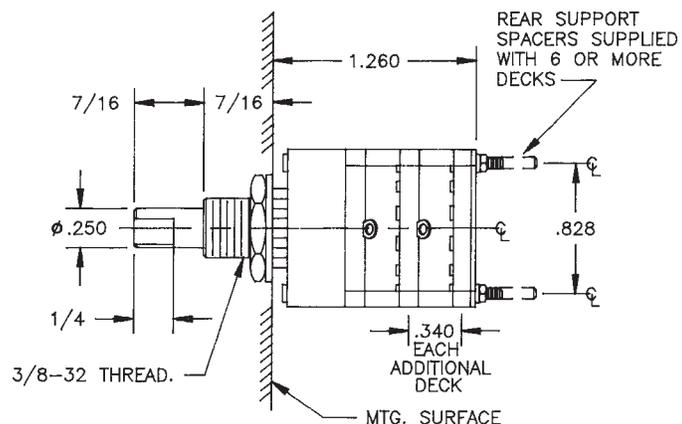
* FIGURES ARE SHOWN ON PAGE 55.

DIMENSIONS

STANDARD CONSTRUCTION



M5D - DIALLYL PHTHALATE CONSTRUCTION



How to Order Additional Options:

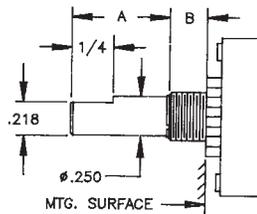
2 DIGIT SERIES	INSULATION TYPE	TOTAL POLES	ACTIVE POSITIONS	CONTACT TYPE	INDEX ANGLE	STOP TYPE	SHAFT/ BUSHING	SHAFT FLAT
M5	D - DIALLYL	01 - MIN.	12 - MAX @ 30° 10 - MAX @ 36° 08 - MAX @ 45° 06 - MAX @ 60° 04 - MAX @ 90°	S - SHORTING N - NON SHORTING	30° 36° 45° *60° *90°	F - FIXED A - ADJ. (30° AND 36° ONLY) C - CONT.	SEE CHART "A"	SEE CHART "B"
					*NOT AVAILABLE IN SHORTING			

CUSTOMERS SPECIFIED ORDER NUMBER FOR STANDARD OPTIONS

M	5	D	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>				
			(SPECIFY)	(SPECIFY)	(SPECIFY)		(SPECIFY)	(SPECIFY)	(SPECIFY)	(SPECIFY)

ADDITIONAL OPTIONS

SHAFT, BUSHING, AND FLAT OPTIONS



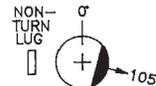
P/N OPT.	SHAFT LGTH. "A"	BUSH. LGTH. "B"
01	7/16	7/16
02	3/8	5/16

- STD

P/N OPT.	FLAT ANGLE
U	105°
B	ROUND

- STD

SHAFT AS VIEWED WITH NON-TURN LUG AT 9 O'CLOCK AND SHAFT IN EXTREME CCW POSITION AND STRUT BOLTS ORIENTED VERTICALLY.



U

CUSTOM SWITCHES ARE AVAILABLE. CONTACT THE FACTORY WITH YOUR COMPLETE SPECIFICATIONS.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Rotary Switches](#) category:

Click to view products by [Electroswitch](#) manufacturer:

Other Similar products are found below :

[57HS22-02-2-06N](#) [57M22-02B16N](#) [57M22-09A16N](#) [M3786/4-0881](#) [M3786/4-3267](#) [M3786/4-5568](#) [M3786/4-6029](#) [71ESF30-05204N](#)
[MC06L1NCGF](#) [84986-26](#) [9003K2C003GA](#) [PLR3251](#) [PLR3262](#) [PS3](#) [A0142M2SP](#) [A029303](#) [R2AA4455NNNN](#) [R2BB4455NNNN](#) [DR75-](#)
[AMSF-10R-B](#) [1703.3201](#) [HW1MS-0202-101](#) [24002-03S](#) [A029101](#) [ACSNO-129-YB-C1014](#) [ACSNO-134-RR-YB-C1005](#) [ACSNO-353-SB-](#)
[C3016](#) [1825537-4](#) [T505](#) [T505E](#) [24005-03N](#) [H10207RR01Q](#) [M3786/39-4ZC](#) [M3786/4-0002](#) [M3786/4-0630](#) [M3786/4-1028L](#) [M3786/4-](#)
[1233L](#) [M3786/4-3044](#) [M3786/4-3129](#) [M3786/4-5008L](#) [M3786/4-5256](#) [MC6CX1A502X009](#) [42HS36-01-1-06N](#) [42P36-03B10S](#) [44MBS60-](#)
[04-2-03N](#) [44MG90-02-1-02N](#) [50KMT90-01-2-02N](#) [51A22-01-1-16S](#) [51CDP30-01PAJN](#) [51KSP30-01D04N](#) [51P30-01B12N](#)