





FEATURES

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

- Ratings: 16 Amps 250 VAC (resistive load). 4 Amps 250 VAC (motor load) or 3 Amps 250 VAC (resistive load). 0.1 Amps 250 VAC (motor load).
- Single pole CO (change-over or alternate action), NC (normally closed momentary) and NO (normally open momentary) configurations.
- Close tolerance switching action with long life (10,000,000 mechanical cycles min.).
- Pin plunger, hinge lever or roller lever actuator options.

MATERIALS

Stationary: Nicker silver Shorting: Beryllium copper Contacts:

Actuator: FS 161 (UL94V-O) Case & cover: PBT (UL94V-O)

Terminals: Silver plated copper/zinc

AGENCY RECOGNITION



Approval pending.

SPECIFICATIONS

Operating force: ≤ 12.59 oz. (343 grams) approx. for 16 Amp models

≤ 0.72 oz. (20 grams) approx. for 3 Amp models

Pretravel: ≤ .047" (1.2mm)

Overtravel: \geq .059" (1.5mm) min.

Movement differential: ≤ .016" (0.4mm)

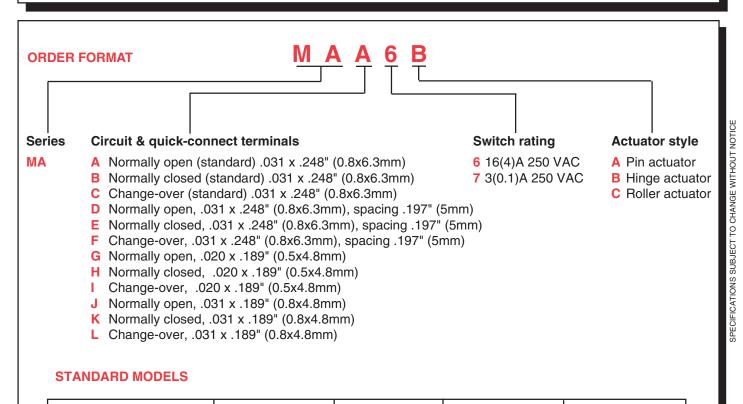
Free position: ≤ .649" (16.5mm)

Operating position: .578" $\pm .020$ " (14.7mm ± 0.5 mm)

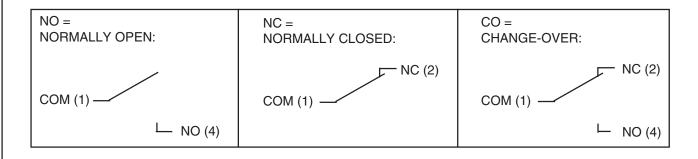
Operating temperature: -40°C to +85°C

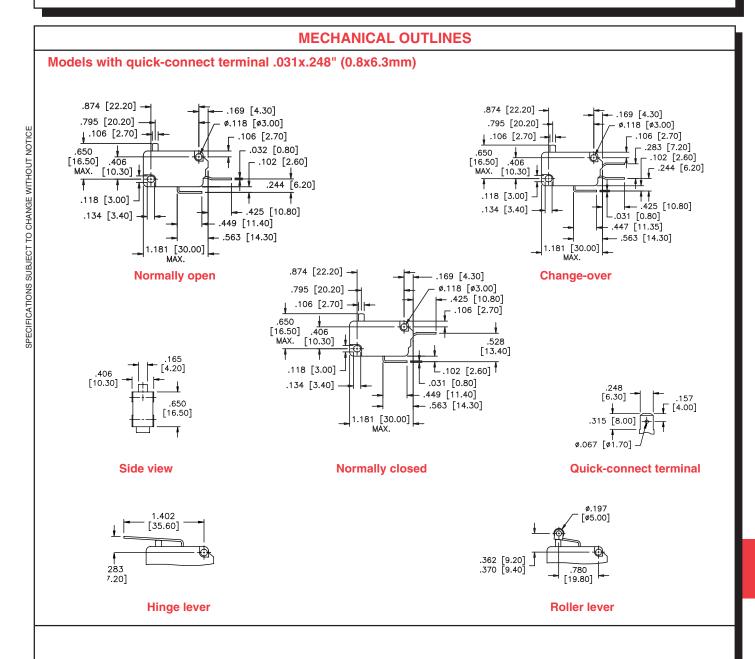
Contact gap: less than .118" (3mm)

Tracking resistance: > PTI 175



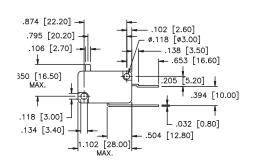
Quick-connect terminal		.031x.248" (0.8x6.3mm)		.031x.248" (0.8x6.3mm) pin spacing - .197"(5mm)	.020x.189" (0.5x4.8mm)		.031x.189" (0.8x4.8mm)	
Switching capacity		16(4)A	3(0.1)A	16(4)A	16(4)A	3(0.1)A	16(4)A	3(0.1)A
Pin plunger	NO NC CO	MAA6A MAB6A MAC6A	MAA7A MAB7A MAC7A	MAD6A MAE6A MAF6A	MAG6A MAH6A MAI6A	MAG7A MAH7A MAI7A	MAJ6A MAK6A MAL6A	MAJ7A MAK7A MAL7A
Hinge lever	NO NC CO	MAA6B MAB6B MAC6B	-	MAD6B MAE6B MAF6B	MAG6B MAH6B MAI6B		MAJ6B MAK6B MAL6B	-
Roller lever	NO NC CO	MAA6C MAB6C MAC6C	-	MAD6C MAE6C MAF6C	MAG6C MAH6C MAI6C	-	MAJ6C MAK6C MAL6C	-

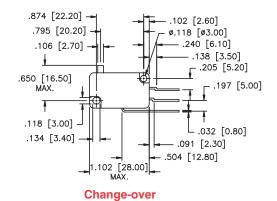




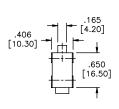
MECHANICAL OUTLINES

Models with quick-connect terminal .031x.248" (0.8x6.3mm) & pin spacing .197" (5mm)

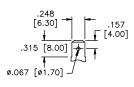




Normally open



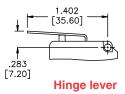
.874 [22.20] -- .102 [2.60] ø.118 [ø3.00] .795 [20.20] .138 [3.50] - .653 [16.60] .106 [2.70] .650 [16.50] MAX. [5.20] .394 [10.00] .118 [3.00] .032 [0.80] .134 [3.40] .504 [12.80] 1.102 [28.00] MAX.

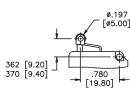


Side view

Normally closed

Quick-connect terminal





[ø5.00]



.406 [10.30] .874 [22.20]

Roller lever

Adaptor element

MECHANICAL OUTLINES Models with quick-connect terminal .020 or .031x.248" (0.8 or 0.8x6.3mm) .169 [4.30] • ø.118 [ø3.00] __ .106 [2.70] .169 [4.30] - ø.118 [ø3.00] - .106 [2.70] - .169 [4.30] .032 [0.80] - .102 [0.50] .874 [22.20] -.874 [22.20] .795 [20.20] .228 [5.80] .240 [6.10] .031 [0.80] .020 [0.50] .795 [20.20] SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE .106 [2.70] .106 [2.70] .650 <u>↓</u> [16.50] .406 MAX. [10.30] .102 [2.60] .108 [2.75] .650 [16.50] MAX. _ .272 [6.90] .406 .102 [2.60] .108 [2.75] [10.30] .272 [6.90] .118 [3.00] .118 [3.00] .425 [10.80] .339 [8.60] .134 [3.40] .134 [3.40] .354 [9.00] .354 [9.00] .563 [14.30] .563 [14.30] 1.181 [30.00] MAX. 1.181 [30.00] MAX. **Normally open** Change-over .169 [4.30] .874 [22.20] ø.118 [ø3.00] .338 [8.60] .795 [20.20] .106 [2.70] .106 [2.70] .031 [0.80] .020 [0.50] .650 [16.50] .406 [10.30] .500 [12.70] .512 [13.00] MAX. .102 [2.60] .108 [2.75] .118 [3.00] .134 [3.40] .354 [9.00] .563 [14.30] 1.181 [30.00] Normally closed ø.197 [ø5.00] 1.402 [35.60] .362 [9.20] .370 [9.40] 283 7.20] .780 [19.80] **Hinge lever** Roller lever .165 [4.20] .189 .406 [10.30] [4.80] .126 [3.20] .275 [7.00] .650 [16.50] ø.059 [ø1.50] Side view **Quick connect terminal**

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Basic / Snap Action Switches category:

Click to view products by Apem manufacturer:

Other Similar products are found below:

5SM901-S12 5SM9-S12N195 602EN532 602EN535-RB 602HE5-RB1 604HE162 604HE223-6B 624HE17-RB 6HM82 6HM89 6SE1
6SX1-H58 70500216 70599106 MBD5B1 MBH2731 73-316-0012 EXD-AR20 79211923 79218589 7AS12

MIL30126AB6BBMD4A12XAU ML-1155 ML-1376 831010C3.0 831090C2.EL 83131904 84212012 8AS239 8HM73-3 8SX26-H33
914CE1-6G PL-100 11SM1077-H4 11SM1077-H58 11SM1-TN107 11SM405 11SM8423-H2 11SX37-T 11SX48-H58 11SM2442-T
11SM76-T 11SM77-H58 11SM77-T 11SM863-T 11SM866 A7CN-1M-1-LEFT A831700C7.0 121EN187-R 121EN188-R