MINIATURE 10 AMP DOUBLE-BREAK SNAP ACTION SWITCHES

This rugged miniature switch features the Butterfly® double-break snap action switch mechanism. It is ideal for tough applications where high current capability and Butterfly® reliability are needed.

APPLICATIONS

- Welding guns
- Pipeline valve actuator
- · Discrete length tape dispenser machines
- · Lift trucks
- Electrical contractors



ACTUAL SIZE

KEY FEATURES:

- Gold or silver contacts
- Variety of terminals configurations and styles available
- UL recognized and CSA certified
- Reset style switch available
- Roller lever and overtravel plunger actuator are available

ORDERING INFORMATION:

Switches

Part Number	Terminals		
11-104	End Solder		
11-204	#4 Screw		
11-304	Side Solder		
11-314 Reset	Side Solder		
11-504	Quick Disconnect .250		

Actuators (see page 68 for additional specifications)

Part Number	Oper. Force	Release Force	Pretravel	Overtravel	Movement Diff.	Operating Point
71-1040 Roller Lever	3.5 oz max	2 oz min	.093 max	062 min	.030 ± .015	.671 ± .031
71-2010 Over Travel	8 ± 3 oz	4 oz min	.050 max	.215 min	.020 ± .005	.828±.015

STANDARDS / AGENCY / RATINGS:



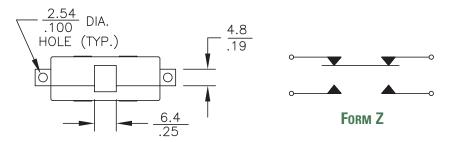




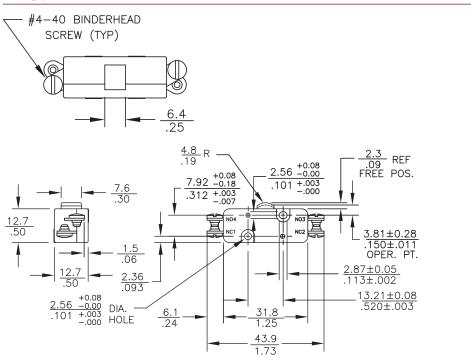




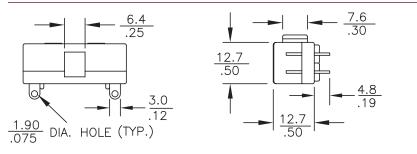
END SOLDER



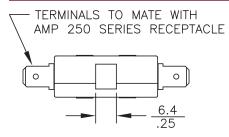
#4 SCREW



SIDE SOLDER



QUICK **D**ISCONNECT



Mechanical / Electrical Characteristics:

Pretravel:

0.050 inches max

Overtravel:

0.015 inches min

Operating Force:

8 oz + 3 oz

Release Force:

4 oz min

Movement Differential:

 0.020 ± 0.007 inches

Operating Point:

 0.150 ± 0.011 inches

(from mounting hold centers)

Circuit:

SPDT-DB (Form Z)

Electrical Ratings (Typical):

Circuitry	125/250 VAC	28 VDC
SPST-DB NC (Form Y) or	10 amp (75-80% PF)	10 amp Ind
NO (Form X)	1/2 HP	15 amp Res
SPDT-DB (Form Z)	125 VAC 3/4 HP 250 VAC	7 amp Ind 10 amp Res
SPDT-SB (Form C)		4 amp Ind 6 amp Res

SEE PAGE 46 FOR SWITCHES

Series 11 Actuators



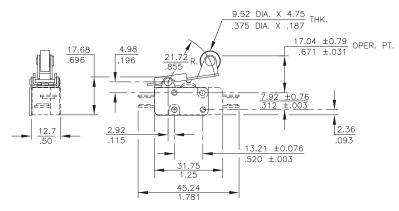
KEY FEATURES:

- Roller Lever
- Overtravel

MECHANICAL CHARACTERISTICS*:

Part Number	Oper. Force	Release Force	Pretravel	Overtravel	Movement Diff.	Operating Point
71-1040 Roller Lever	3.5 oz max	2 oz min	.093 max	.062 min	.030 ± .015	.671 ± .031
71-2010 Overtravel Plunger	8 ± .3 oz	4 oz min	.050 max	.215 min	.020 ± .005	.828 ± .015
*Mechanical character	ristics when used with	n Basic Switch 11-104.				

71-1040



71-2010

