

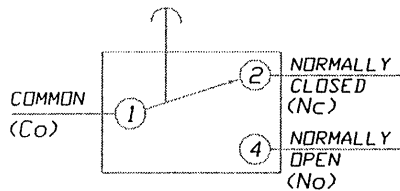
# PN4

## Specifications

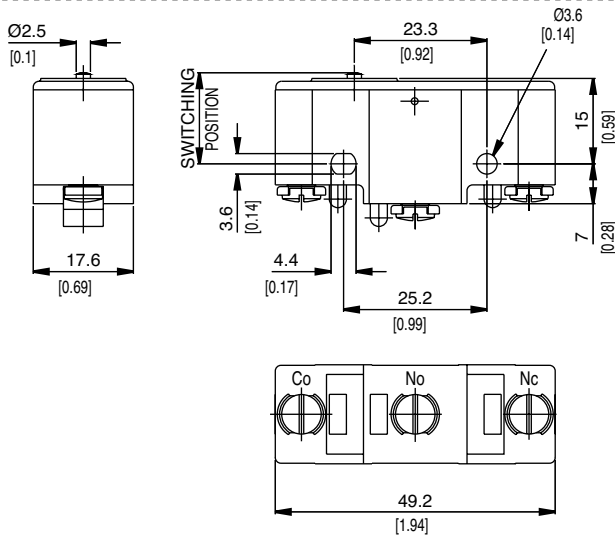
Housing	PBT thermoplastic polyester resin
Plunger	PBT thermoplastic polyester resin
Mechanism	Snap-action, single pole
Functions	Change-over
Contacts	Silver
Terminals	Screw terminals with cup washers
Temperature range °C	-10°C to +85°C
Mechanical life	10 <sup>6</sup> cycles minimum (impact free actuation)
Protection	IP 40 (enclosure)
Mounting	Side or panel mounting
Actuators	Plain levers - zinc-plated mild steel, Roller levers - zinc-plated mild steel, stainless steel roller

Circuit diagram

DIAGRAM OF CONNECTIONS



Dimensions


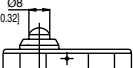
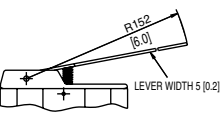
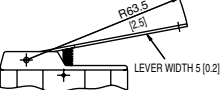
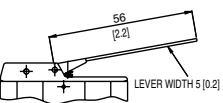
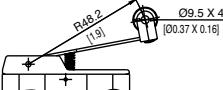
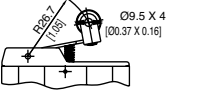


## Recommended maximum electrical ratings

Voltage (max)	Load (A)	Horsepower	Approval
250 VAC	15 (0.75 pf)	-	ULS 1054/CSA 22.2 No. 55 - 6,000 operations
125 VAC	15 (0.75 pf)	-	ULS 1054/CSA 22.2 No. 55 - 6,000 operations
250 VAC	-	¼ HP	ULS 1054 - Horsepower - 6,000 operations
125 VAC	-	¼ HP	ULS 1054 - Horsepower - 6,000 operations
0 - 15 VDC	15	-	General rating - 50,000 operations
15 - 30 VDC	10	-	General rating - 50,000 operations

# PN4

## Operating Characteristics

Actuator	Reference	Actuating Force Maximum		Release Force Minimum		Operating Position		Movement Differential Minimum		Over travel	
		(N)	(ozf)	(N)	(ozf)	(mm)	(in)	(mm)	(in)	(mm)	(in)
Plunger 	PN401	3.8	13.70	1.3	4.7	16.0 ± 0.4	0.63 ± 0.016)	0.02	0.0008	0.2	0.008
Spring plunger 	PN4D2	3.8	13.70	1.3	4.7	22.2 ± 0.4	0.87 ± 0.016	0.04	0.0016	2.3	0.09
Plain lever 	PN4K152	0.3	1.08	0.1	0.36	25.5 ± 1.5	1.00 ± 0.060	3.0	0.12	10.0	0.39
Lever width: 5 mm, 0.2 in											
Plain lever 	PN4K63	0.9	3.20	0.1	0.36	19 ± 0.8	0.75 ± 0.032	1.2	0.047	5.6	0.22
Lever width: 5 mm, 0.2 in											
Reverse action plain lever 	PN4KZ56	1.5	5.40	0.5	1.80	8.5 ± 0.8	0.33 ± 0.032	1.0	0.004	6.0	0.24
Lever width: 5 mm, 0.2 in											
Roller lever 	PN4GK48	1.1	4.00	0.2	0.72	30.2 ± 0.8	1.19 ± 0.032	0.9	0.035	4.2	0.165
Roller lever 	PN4GK26	1.7	6.11	0.2	0.72	30.2 ± 0.8	1.19 ± 0.032	0.5	0.02	2.0	0.079