


## PART NUMBER STRUCTURE – NEMA 12, 4, & 7 (WORM GEARS)

**Standard Two Cam SPDT Contact Symbol For Each Cam**

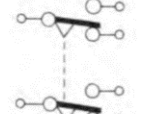


*See Table 2 Symbol A*

Maximum Speed - 1000 RPM Worm Gear Type						
Standard Two Cam Geared Rotary Limit Switch with SPDT Switches						
Input Shaft Rev.	Cam Block Rev.	NEMA 12 Part Number	NEMA 4 Part Number	NEMA 7 Part Number	Input Shaft Turns	To Reset
5	1	2000-1B	2000-9B	2000-17B	4-1/2	1/16
10	1	2000-38B	2000-39B	2000-40B	9-1/4	1/8
20	1	2000-2B	2000-10B	2000-18B	18	1/8
30	1	2000-3B	2000-11B	2000-19B	28	1/4
40	1	2000-4B	2000-12B	2000-20B	37	1/4
50	1	2000-5B	2000-13B	2000-21B	46	1/4
60	1	2000-6B	2000-14B	2000-22B	58	1-1/2
80	1	2000-7B	2000-15B	2000-23B	77	3/4
100	1	2000-8B	2000-16B	2000-24B	94	3/4
150	1	2000-129B	2000-132B	2000-135B	135	4
250	1	2000-28B	2000-31B	2000-34B	230	6
300	1	2000-130B	2000-133B	2000-136B	265	6-1/2
500	1	2000-29B	2000-32B	2000-35B	460	15-1/4
600	1	2000-131B	2000-134B	2000-143B	555	16
1000	1	2000-30B	2000-33B	2000-36B	920	29
2000	1	2000-292B	2000-299B	2000-291B		
4000	1	2000-279B	2000-127B	2000-128B		
5333.3	1	2000-281B	2000-157B	2000-158B		Consult Factory

*Standard 2 Cam SPDT - Switch Capacities: 125V - 15 amp AC, 1/2 amp DC, 250V - 15 amp AC, 1/4 amp DC, 480 V - 15 amp AC*

**Standard Two Cam DPDT Contact Symbol For Each Cam**



*See Table 2 Symbol B*

Standard Two Cam Geared Rotary Limit Switch with DPDT Switches						
Input Shaft Rev.	Cam Block Rev.	NEMA 12 Part Number	NEMA 4 Part Number	NEMA 7 Part Number	Input Shaft Turns	To Reset
5	1	2000-137B	2000-145B	2000-159B	4-3/4	1/8
10	1	2000-138B	2000-146B	2000-160B	9-1/4	1/4
20	1	2000-25B	2000-147B	2000-161B	19	1/2
30	1	2000-47B	2000-148B	2000-60B	28-1/2	1/2
40	1	2000-139B	2000-149B	2000-162B	37-3/4	3/4
50	1	2000-73B	2000-150B	2000-163B	46-3/4	3/4
60	1	2000-75B	2000-151B	2000-164B	58	1-1/2
80	1	2000-77B	2000-152B	2000-165B	75	1-3/4
100	1	2000-43B	2000-153B	2000-166B	95	2
150	1	2000-1130B	2000-1131B	2000-1132B	135	4
250	1	2000-140B	2000-154B	2000-167B	237	6
300	1	2000-1133B	2000-1134B	2000-1135B	265	6-1/2
500	1	2000-141B	2000-155B	2000-168B	460	15-1/4
600	1	2000-1136B	2000-1137B	2000-1138B	555	16
1000	1	2000-142B	2000-156B	2000-169B	920	29
2000	1	2000-1139B	2000-1140B	2000-1141B		
4000	1	2000-1142B	2000-1143B	2000-1144B		
5333.3	1	2000-1145B	2000-1146B	2000-1147B		Consult Factory

*Standard 2 Cam DPDT - Switch Capacities: 125V or 250 VAC - 10 amp; 125 VDC - 1/2 amp; 250VDC - 1/4 amp*

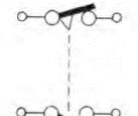
Worm Gear Type - Special Cams (Special cams not listed, can be special ordered by specifying cam angle.)	
Cam Part Number (For Standard Cam Only)	Interval for which Switch Contacts are Opened or Closed
S0005500	25° or 335° - Standard
S0006800	54° or 306°
S0008400	75° or 285°
S0006900	90° or 270°
S0008500	105° or 255°

### Special Cams

All units come supplied with our standard 25° cams. Consult factory for units needing longer dwell cams.

S0008600	135° or 225°
S0008700	150° or 210°
S0007000	180°
S0007100	240° or 120°
S0012700	360° - Blank Cam

**Standard Three Cam SPDT Contact Symbol For Each Cam**

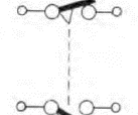


*See Table 2 Symbol C*

Maximum Speed - 1000 RPM Worm Gear Type						
Standard Three Cam Geared Rotary Limit Switch with SPDT Switches						
Input Shaft Rev.	Cam Block Rev.	NEMA 12 Part Number	NEMA 4 Part Number	NEMA 7 Part Number	Input Shaft Turns	To Reset
5	1	2000-174B	2000-188B	2000-263B	4-3/4	1/16
10	1	2000-175B	2000-189B	2000-264B	9-1/2	1/16
20	1	2000-176B	2000-190B	2000-265B	19-1/4	1/8
30	1	2000-177B	2000-191B	2000-266B	28-1/2	1/4
40	1	2000-178B	2000-192B	2000-267B	38	1/2
50	1	2000-179B	2000-193B	2000-268B	47	1/2
60	1	2000-180B	2000-194B	2000-269B	57-1/2	1/2
80	1	2000-181B	2000-195B	2000-270B	76-3/4	1/2
100	1	2000-182B	2000-196B	2000-271B	96-1/4	1-1/2
150	1	2000-170B	2000-171B	2000-186B	135	4
250	1	2000-183B	2000-197B	2000-272B	234	2
300	1	2000-187B	2000-300B	2000-301B	265	6-1/2
500	1	2000-184B	2000-198B	2000-273B	460	7
600	1	2000-1100B	2000-1101B	2000-1102B	555	16
1000	1	2000-185B	2000-199B	2000-274B	920	10
2000	1	2000-1103B	2000-1104B	2000-1105B		
4000	1	2000-1106B	2000-1107B	2000-1108B		Consult Factory
5333.3	1	2000-1109B	2000-1110B	2000-1111B		Consult Factory

*Standard 3 Cam SPDT - Switch Capacities: 125V - 10 amps resistive load, 250V - 10 amps resistive load, 30 VDC - 7 amps inductive load*

**Standard Four Cam SPDT Contact Symbol For Each Cam**



*See Table 2 Symbol C*

Standard Four Cam Geared Rotary Limit Switch with SPDT Switches						
Input Shaft Rev.	Cam Block Rev.	NEMA 12 Part Number	NEMA 4 Part Number	NEMA 7 Part Number	Input Shaft Turns	To Reset
5	1	2000-89B	2000-101B	2000-113B	4-3/4	1/16
10	1	2000-90B	2000-102B	2000-114B	9-1/2	1/16
20	1	2000-91B	2000-103B	2000-115B	19-1/4	1/8
30	1	2000-92B	2000-104B	2000-116B	28-1/2	1/4
40	1	2000-93B	2000-105B	2000-117B	38	1/2
50	1	2000-94B	2000-106B	2000-118B	47	1/2
60	1	2000-95B	2000-107B	2000-119B	57-1/2	1/2
80	1	2000-96B	2000-108B	2000-120B	76-3/4	1/2
100	1	2000-97B	2000-109B	2000-121B	96-1/4	1-1/2
150	1	2000-1112B	2000-1113B	2000-1114B	135	4
250	1	2000-98B	2000-110B	2000-122B	234	2
300	1	2000-1115B	2000-1116B	2000-1117B	265	6-1/2
500	1	2000-99B	2000-111B	2000-123B	460	7
600	1	2000-1118B	2000-1119B	2000-1120B	555	16
1000	1	2000-100B	2000-112B	2000-124B	920	10
2000	1	2000-1121B	2000-1122B	2000-1123B		
4000	1	2000-1124B	2000-1125B	2000-1126B		
5333.3	1	2000-1127B	2000-1128B	2000-1129B		Consult Factory

*Standard 4 Cam SPDT - Switch Capacities: 125V - 10 amps resistive load, 250V - 10 amps resistive load, 30 VDC - 7 amps inductive load*