

D4A-N

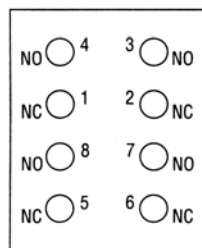
General Purpose Limit Switch

Electrical Specifications

Circuit	Rated voltage	Amperes		Continuous carrying current	Voltamperes	
		Make	Break		Make	Break
NEMA A600 Rating (UL/CSA)						
SPDT double break	120 VAC	60	6	10	7200	720
	240 VAC	30	3	10	7200	720
	480 VAC	15	1.5	10	7200	720
	600 VAC	12	1.2	10	7200	720
NEMA B600 Rating (UL/CSA)						
DPDT double break	120 VAC	30	3	5	3600	360
	240 VAC	15	1.5	5	3600	360
	480 VAC	7.5	0.75	5	3600	360
	600 VAC	6	0.6	5	3600	360
NEMA A300 Rating (UL/CSA) for SPDT Switches with Neon Lamp Status Indicators						
SPDT double break	120 VAC	60	6	10	7200	720
	240 VAC	30	3	10	7200	720

Note: 1. All switches must be the same polarity.

Terminal Arrangement



Contact Ratings

NEMA A600 for SPDT models
 NEMA B600 for DPDT models
 NEMA A300 for SPDT models with neon lamp status indicator

Contact Resistance

25 mΩ maximum (Initial)

Operating Characteristics

Part number	Description	OF max.	RF min.	PT max.	OT min.	MD max.	
						SPDT	DPDT
D4A-□□01N	Standard	4 kg-cm (3.5 lb.-in.)	0.5 kg-cm (0.4 lb.-in.)	12°±3°	70°	4°±1°	5°±2°
D4A-□□02N	High-precision	4 kg-cm (3.5 lb.-in.)	0.5 kg-cm (0.4 lb.-in.)	5°±2°	75°	3°±1°	4°±1°
D4A-□□03N	Side rotary, low torque	2 kg-cm (1.7 lb.-in.)	—	12°±3°	70°	4°±1°	5°±2°
D4A-□□04N	Side rotary, high-precision /low torque	2 kg-cm (1.7 lb.-in.)	—	5°±2°	75°	3°±2°	4°±2°
D4A-□□05N	Side rotary, maintained contact	4 kg-cm (3.5 lb.-in.)	—	55°±10°	20°	28°±7°	28°±7°
D4A-□□17N	Side rotary, sequential operation	4 kg-cm (3.5 lb.-in.)	0.5 kg-cm (0.4 lb.-in.)	1st pole 7°±3° 2nd pole 15°±3°	65°	Each pole 4°±2°	Each pole 4°±2°
D4A-□□18N	Side rotary, center neutral operation	4 kg-cm (3.5 lb.-in.)	0.2 kg-cm (0.2 lb.-in.)	15°±3°	65°	4°±1°	4°±1°

Legend: OF = Operating Force (max.); RF = Reset Force (min.); OT = Overtravel (min.); PT = Pretravel;
 MD = Movement Differential (max.); PO = Positively Open (max.); TT = Total Travel

Note: 1. The operating position depends on the level selected.