

Sensing Distance Non-contact sensing, see Photoelectric/Fiber Optic and Proximity Sensors Sensing Distance Charts

For contact sensing →

Limit Switches

For contact sensing→		Limit Switches		Lever	Actuators	Other	
				Center Mount	Plunger	Rod	
				Side Mount	Side	Stick	
				Fork		Spring	
GENERAL PURPOSE SAFETY	D4A-N	SPDT or DPDT double break	1/2-14 NPT conduit entrance	–	Plain, roller, adjustable	Plastic, stainless steel spring	
		10 A cont. 120, 240, 480, 600 VAC NEMA A600 10 A cont. 120, 240, VAC NEMA A300 5 A cont. 120, 240, 480, 600 VAC NEMA B600	NEMA 1, 2, 3, 3R, 4X, 5, 6P, 12, 13 UL 3, 4, 4X, 6P, 13 IEC IP67	Standard, back-mount standard, offset back-mount levers; ball bearing, nylon, adjust. nylon, nylon backmount, adj. stainless rollers	Plain, horizontal & vertical roller, adjustable	–	
				Regular and nylon roller		Wire, coil and cat whisker	
	WL	SPDT double break	1/2-14 NPT conduit entrance, terminal screws	–	Plain, roller, sealed roller, ball plunger	Adjustable and nylon	
		10 A max., 125 VAC	NEMA 1, 2, 3, 3R, 4X, 5, 6P, 12, 13 UL 3, 4, 4X, 6P, &13; IEC IP67	Short, medium, long; flush and flange mount, adjust. roller levers		–	
				Roller levers	Horizontal, horizontal roller, and horizontal ball plunger	Coil spring and steel wire	
		SAFETY	D4B-N	SPDT, 1 NO/ 1 NC DPST, 2 NC	1/2-14 NPT conduit entrance, terminal screws	–	Plain and roller
	10 A cont., 120, 240, 480, 600 VAC, NEMA A600			NEMA 3, 4, 4X, 6P, 13 UL 3, 4, 4X, 6P, 13 IP67	Nylon, adjustable nylon, adjustable rubber, roller levers	–	–
					–		Coil
D4D-N	DPDT, 2 NC DPDT, 1 NC/ 1 NO SPDT, 1 NC/ 1 NO			1/2-14 NPT, PG13.5 or G1/2 conduit entrance, terminal screws	–	Plain, roller, one way roller lever, horizontal and vertical	Plastic rod
	10 A max., 125 VAC		NEMA 3, 4, 6P, 13 IP65	Roller, adjustable roller, adjustable rubber roller	–		
				–	–	Cat whisker	
	D4D-R		DPDT, double break, 1 NO/ 1 NC; DPDT, double break, 2 NC	1/2-14 NPT conduit entrance, terminal screws	–	Pull Reset with plunger, roller, one-way roller, horizontal and vertical	–
10 A max., 125 VAC			NEMA A600, UL type 4 (indoor use), IP65	Pull Reset with roller, adjustable roller, adjustable rubber roller	–		
				–	–	–	
SAFETY			D4BS	DPDT, double break, 1 NO/ 1 NC; DPDT, double break, 2 NC	1/2-14 NPT conduit entrance, terminal screws	Horizontal mount key, vertical mount key, and adjustable key	
	10 A max., 125 VAC, inductive load, NEMA 600	IEC IP67					
	D4BL	DPDT, double break, 1 NO/ 1 NC+ DPDB, 1 NC; DPDT, double break, 2 NC+ DPDB, 1 NC	1/2-14 NPT conduit entrance terminal screws	Horizontal mount key, vertical mount key, and adjustable key			
		10 A cont., 120, 240, 480, 600 VAC, NEMA A600	IEC IP67				
	D4DS	DPDT, double break, 1 NO/ 1 NC; DPDT, double break, 2 NC	1/2-14 NPT conduit entrance, terminal screws	Horizontal mount key, vertical mount key, and adjustable key			
		10 A max., 125 VAC	NEMA A600, UL type 4 (indoor use), IEC IP65				

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				Lever	Actuators Plunger	Other
		Contact configuration	Connection method	Center Mount	Top	Rod
		Switching capacity	NEMA/UL/IEC Rated	Side Mount	Side	Stick
				Fork		Spring
C O M P A C T	D4C	SPDT, "form C" 5 amp, 125 VAC, resistive load	Prewired with 3 m (9.8 ft.) cable NEMA 1, 3, 3R, 4, 5, 6, 12, 13 UL 3, 4, 13 IEC IP67	–	Plain, sealed, roller, sealed roller, cross roller, sealed cross roller, and bevel –	–
				Roller		–
				–		Coil
	D4CC	SPDT, "form C" 5 amp, 125 VAC, resistive load	Omron Y96E or Brad Harrison cord set; NEMA 1, 3, 3R, 4, 5, 6, 12, 13 UL 3, 4, 13 IEC IP67	Roller Roller –	Plain, sealed, roller, sealed roller, cross roller, sealed cross roller, bevel, panel mount pin, roller, cross roller –	Plastic – –
E N C L O S E D	ZE ZV ZV2	SPDT, "form C" 15 amp 125 VAC, inductive load	1/2-14 NPT conduit entrance, terminal screws NEMA 1, 2, 3, 4, 5 (–N type); 1 (–Q type); IEC IP50 (–Q); IP65 (–N) IEC IP67	Roller arm, one way action arm, rod lever; sealed roller arm, sealed one way action arm, sealed rod lever – –	Plain, roller, cross roller, sealed roller, sealed cross roller –	– – Sealed coil
				–		–
				–		–
	ZC	SPDT, "form C" 10 amp, 125 VAC, inductive load	Terminal screws or prewired with 1 m (3.28 ft.) cable NEMA 1, 2, 3, 4, 5, 13 IEC IP67	Short hinge, hinge, short hinge roller, hinge roller, one way action short hinge, one way action hinge roller – –	Pin, panel mount, panel mount roller, panel mount cross roller, sealed roller, sealed cross roller –	– – –