

802T Plug-in Style NEMA Oiltight Limit Switches

Specifications

Attribute	Value
Certifications	UL Listed, CSA Certified, and CE Marked for applicable directives
Enclosure type rating	NEMA 4, 13, 6P, and IP67
Pollution degree	3
Ambient temperature ⁽¹⁾	-18...+110 °C (0...230 °F)

(1) Wobble stick and cat whisker devices are rated from -18...+54 °C (0...130 °F)



802R-AF

Table 20 - AC Contact Rating (Max per Pole, 50 or 60 Hz, Two Circuits Same Polarity)

NEMA Rating Designation	Max Voltage	A		Continuous Carrying Current	VA	
		Make	Break		Make	Break
A600 AC-15	120	60	6.00	10	7200	720
	240	30	3.00			
	480	15	1.50			
	600	12	1.20			
B600 AC-15	120	30	3	5	3600	360
	240	15	1.50			
	480	7.5	0.75			
	600	6	0.60			

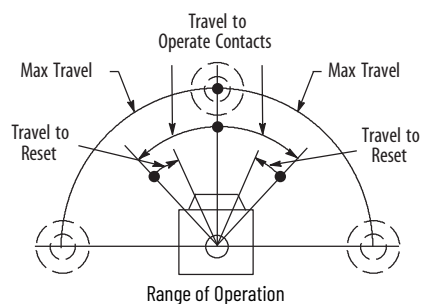
Table 21 - AC Contact Rating (Max per Pole, 50 or 60 Hz, Four Circuits Same Polarity)

NEMA Rating Designation	Max Voltage	A		Continuous Carrying Current	VA	
		Make	Break		Make	Break
A300	120	60	6.00	10	7200	720
	240	30	3.00			

Table 22 - DC Contact Rating (Max per Pole)

Circuits	Voltage Range	Current Range
2	115...125	0.4 A
	230...250	0.2 A
	550...600	0.1 A
4	115...125	0.4 A
	230...250	0.2 A

Lever Type – Spring Return



Switch without Lever



Switch without Lever and Base

Product Selection

Number of Circuits	Lever Movement vs. Contact Operation		Torque/Force to Operate, Max	Travel to Operate Contacts, Max	Max Travel	Travel to Reset Contacts, Max	Cat. No.	
							Switch without Lever	Switch without Lever and Base
2	Clockwise or counterclockwise		0.29 N•m (2.6 lb•in) Nominal	13° 18°	90°	7°	802T-AP	802T-AP1
				5° Nominal		2.5° Nominal	802T-A5P ⁽¹⁾	802T-A5P1 ⁽¹⁾
			0.56 N•m (5 lb•in)	9°		3.5°	802T-FP	802T-FP1
							802T-HP	802T-HP1
	Clockwise		0.29 N•m (2.6 lb•in)	13° 18°		7°	802T-A1P	802T-A1P1
				9°		3.5°	802T-A3P ⁽¹⁾	802T-A3P1 ⁽¹⁾
	Counterclockwise		0.29 N•m (2.6 lb•in)	13° 18°		7°	802T-A1P	802T-A1P1
				9°		3.5°	802T-A3P ⁽¹⁾	802T-A3P1 ⁽¹⁾
	Clockwise or counterclockwise		0.16 N•m (1.5 lb•in)	13°		7°	802T-A2P	802T-A2P1
							802T-A4P ⁽¹⁾	802T-A4P1 ⁽¹⁾
	Clockwise		0.16 N•m (1.5 lb•in)	13°		7°	802T-A2P	802T-A2P1
							802T-A4P ⁽¹⁾	802T-A4P1 ⁽¹⁾
4	Clockwise or counterclockwise		0.45 N•m (4 lb•in)	13°		7°	802T-ALP ⁽²⁾	802T-ALP1 ⁽²⁾
			0.79 N•m (7 lb•in)	9°		7°	802T-AL1P ⁽²⁾	802T-AL1P1 ⁽²⁾
							802T-AL2P ⁽²⁾	802T-AL2P1 ⁽²⁾
	Clockwise		0.45 N•m (4 lb•in)	13°		7°	802T-ATP	802T-ATP1
			0.79 N•m (7 lb•in)	9°		3.5°	802T-HTP	802T-HTP1
						7°	802T-A1TP	802T-A1TP1
	Counterclockwise		0.45 N•m (4 lb•in)	13°		3.5°	802T-H1TP	802T-H1TP1
			0.79 N•m (7 lb•in)	9°		7°	802T-H2TP	802T-H2TP1
						3.5°	802T-A2TP	802T-A2TP1

(1) Fluorinated elastomer shaft seal is supplied with these devices.

(2) Low operating torque model.

Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.

IMPORTANT For operating head and lever assembly dimensions that are not shown, see [Approximate Dimensions on page 132](#).
Conduit pipe opening 1/2 in. NPT.

