

Specification	Unit	Value	Note:
Military Specifications		MIL-DTL-3786	
Continuous (Non-Switching) Current Carrying Capacity	Amps	1	at 28 VDC, with max. contact temperature rise of 20°C
Switching Current Capacity at 28 VDC resistive	Amps	0.200	at Atmospheric pressure with 85°C and at reduced Barometric pressure with 25°C
Switching Current Capacity at 115 VAC resistive	Amps	0.250	
Switching Current Capacity at 28 VDC inductive (2.8 H.)	Amps	0.125	
Switching Current Capacity at 28 VDC Lamp Load	Amps	0.075	
Low Level max. capacity	mA	10	at 30 millivolts DC max.
Dielectric Strength, min.	VRMS	500	
Contact resistance, max. (initial)	milliohms (mΩ)	50	
Contact resistance, max. (after life)	milliohms (mΩ)	100	
Insulation resistance, min. (initial)	megaohms (MΩ)	50,000	at 100 VDC
Insulation resistance, min. (after life)	megaohms (MΩ)	25000	at 100 VDC
Switching Life	cycles	25000	at rated loads, sea-level, 25°C, 68% relative humidity
Mechanical Life	cycles	25000	
Rotational Torque, min.	inch ounces	3	
Rotational Torque, max.	inch ounces	5	
Stop Strength, max.	inch pounds	5	
Mounting Ferrule Strength	inch pounds	N/A	
Withstanding Shaft Push Force	pounds	N/A	
Weight	grams	1	
Molded Parts		thermoplastic	
Contact Surfaces		Gold plated	
Altitude	feet	70000	typical pressure at 70,000 feet: 0.64 psi
Temperature, min.	degrees Celsius	-65	
Temperature, max.	degrees Celsius	85	
Vibration Tested		Meets	Mil-Std-202, Method 204, test condition B, vibration grade 3
Impact Shock, Medium		Meets	MIL-STD 202; Method 213
Impact Shock, High		No	
Moisture Resistant	megohms	Meets	MIL-STD 202; Method 106
Salt Spray Resistant		Meets	MIL-STD 202, Method 101, Condition "B"
Explosion Proof		Meets	MIL-STD 202, Method 109
Immersion		Shaft Seal	
EMI/RFI		Meets	MIL-DTL-3786, 2 ohms Shaft to ground max, metal housing only