

# U2-016 TRIGGER SWITCH

This precision trigger switch has an Actuating Force of 2.25 lbs. to make the first pole; 6.5 lbs. is required to pass through the detent, and 6.0 lbs. to continue travel after the detent. Housing is black thermoplastic, trigger button is red thermoplastic, and the side covers are black anodized aluminum. With a width of .641", the U2-016 is military qualified to M8805/111-01.



- Two-Step Trigger
- Qualified to M8805/111-01
- Actuating force of 2.25 lbs. to make the first pole
- Additional force of 6.5 lbs. passing through a detent to actuate the second pole
- 0.641" +/- 0.016" width
- Rated 7 amps resistive @ 28VDC
- Electrical life 50,000 cycles
- RoHS compliant

U2-016 Standard Characteristics/Ratings:		
<b>ELECTRICAL RATINGS:</b>		
<b>Load</b>	<b>Sea Level @ 28VDC</b>	<b>50,000 feet @ 28VDC</b>
Resistive	7A	4A
Inductive	5A	2.5A
DWV	1050Vrms	400Vrms
<b>Electrical Life:</b>	50,000 cycles	
<b>Mechanical Life:</b>	100,000 cycles	
<b>Seal:</b>	Unsealed per MIL-PRF-8805, Design 1	
<b>Operating Temp Range:</b>	-55°C to +85°C	
<b>Operating Force:</b>	2.25 lbs. first pole, 6.5 lbs. second pole	
<b>Overtravel:</b>	First Pole - 0.015 min. before first detent, Second Pole - .030 min. before total travel	
<b>Pretravel:</b>	First Pole - .130 min. from full out, Second Pole - .020 min. beyond first detent	
<b>MATERIALS:</b>		
<b>Button:</b>	Thermoplastic, red	
<b>Housing:</b>	Thermoplastic, black	
<b>Side Covers:</b>	Black anodized aluminum	

