

UNIONWELL G3 technical reference

G303 published example within the G3 platform

Open engineering reference | Presentation date 29 October 2026. A controlled drawing revision and model-specific product approval must be confirmed for production release.

Published reference values describe the stated series or example configuration. Confirm the complete part number, load, actuator drawing and current approval scope before design release.

Parameter	Published value and configuration scope
Model Number	G303 Series
Max Operating Force (at pin plunger)	130gf Alternate units: 1.275 N / 0.2866 lbf
Terminal Type	Mold Lead Wires/Solder/PCB/Fork Shape
Lever Type	No Lever/Hinge/Leaf/Simulated Roller/Roller/Special Design
Circuit Code	SPDT/SPST-NO/SPST-NC
Rating	0.1A, 125/250VAC; 3A/ 12VDC; 0.1A/48VDC; $\mu 1E5$
Operating Frequency / Electrical	0.1A-120cycles/minute; 3A-10~30 cycles/minute
Operating Frequency / Mechanical	120 Cycles/minute
Contact Resistance(Initiative)	100m Ω Max (without wire type)
Vibration Durability	10~55Hz, move 0.75mm(p-p) Alternate units: 10~55Hz, move 0.02953 in(p-p)
Dielectric strength	500 VAC (50-60 Hz)
Operating Temperature	-40 to +85 °C Alternate units: -40 to 185 °F
Operating Humidity	85%RHMax
Life Expectancy / Electrical	Min. 100,000 cycles(Depend on model NO.)
Life Expectancy / Mechanical	Min. 500, 000 cycles

Source references on this website

<https://unionwell-microswitch.com/library-item/c1a5b5fd28dcb2ea/>

For quotation: identify the complete part number, actuator/terminal, electrical load, requested quantity, annual forecast and target timing. Availability, quantity breaks and lead time are reviewed for that configuration.