UNIONWELL G5W11 technical reference

G5W11 W3 rating-code reference

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
Published W3 ENEC rating entries	10(2) A 125/250 VAC; 0.5 A 125 VDC; 0.25 A 250 VDC - Other W1/W2 configurations have different ratings.
Protection with terminal type	IEC IP67, terminals not included - Protect exposed terminals within the equipment design.
Protection with wire type	IEC IP67 - Confirm wire entry and end termination in the final assembly.
Initial contact resistance	50 mΩ maximum with terminals; 100 mΩ maximum with wire - Wire length affects the wired measurement.
Storage temperature reference	-40 to +85 °C - Storage temperature is not an operating-temperature approval. Alternate units: -40 to 185 °F
Rating / W1	ENEC: 0.1A 48VDC, 0.1A 125/250VAC,40T85,5E4,uUL:0.1A 48VDC,0.1A 125/250VAC,T85
Rating / W2	ENEC: 5A 125/250VAC,5A, 30VDC,40T85,5E4, uUL:5A 125/250VAC,T85
Rating / W3	ENEC:10(2)A 125/250VAC, 0.5A 125VDC, 0.25A 250VDC,40T85,u,2E4UL:10.1A 1/10HP 125/250VAC,0.5A 125VDC, 0.25A 250VDC, T85

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The same configuration scope and verification notes apply to the values below.

Parameter	Published value and configuration scope
Operating Frequency / Electrical	10~30 times/min
Operating Frequency / Mechanical	60 times/min
Insulation Resistance	at 500VDC,100MΩ Min.
Dielectric Strength / Between Terminals	AC 1000V 50-60Hz 1min
Dielectric Strength / Between Terminals And Housing	AC 1500V 50-60Hz 1min
Storage Humidity	85%RH Max
Life / E-life	2E4~10E4 cycles(depends on P/Ns)
Life / M-life	over 1,000,000 cycles(60 cycles/min)
Weight	Approx.7g(with terminal and without lever)

Source references on this website

https://unionwell-microswitch.com/library-item/cd13e019f485fdfe/

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.