

## WLS1A00AC

( Home : Products : Wireless : Limitless™ Sw itches : Limitless™ Heavy Duty Limit Sw itches : WLS )



Actual product appearance may vary.

### Lim itless™ WLS Series Heavy-duty Lim it Switch, US/Canada, top plunger



WLS1A00AC  
highres photo



WLS1A00AC  
low res photo

### Product Specifications

Availability	United States; Canada; Australia; Europe
Country Use	US, Canada, and Mexico
Operating Force (OF)	17,79 N [4 lb] max.
Full Overtravel Force	31,13 N [7 lb]
Pretravel (PT)	1,78 mm [0.07 in] max.
Overtravel (OT)	4,83 mm [0.190 in] min.
Differential Travel (DT)	0,38 mm [0.015 in] max.
Product Type	Limitless™ Wireless Limit Sw itches
Actuator	Top Pin Plunger
Circuitry	1NC 1NO SPDT Snap Action
Supply Voltage	3.6 Vdc (from battery)
Housing Material	Zinc Die Cast, Pow der-coated Phosphate Epoxy Finish
Housing Type	EN 50041
Series Name	WLS
Shock	IEC 60068-2-27; Half-sine, 10 g, 6 mS, 3 axis
Vibration	IEC 60068-2-6; 10 Hz to 500 Hz w ith 0,35 mm peak-to-peak, 58 Hz to 500 Hz 5 g
Sealing	IP67, NEMA 1, 3, 4, 6, 6P, 12, 13
Approvals	FCC 15.247; Industry Canada RSS 210; ETSI, CE mark; ACMA, C-Tick mark
Expected Mechanical Life	Head tested in excess of 50 million cycles
Operating Temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Agency Approvals and Standards	FCC 15, IC, ACMA, ETSI, RoHS Compliant
UNSPSC Code	20142601
UNSPSC Commodity	20142601
Sealed	IP67
Operating Position (OP)	45,85 mm ±0,76 mm [1.805 in ± 0.030 in]
Sw itch Type	Wireless Heavy-Duty Limit Sw itch
Radio	WPAN 802.25.4; 2.4 GHz
Antenna Type	None

### Product Specifications

Software Version	Version 1
Signal Range	305 m [1000 ft]
Battery	3.6 Vdc Lithium Thionyl Chloride; 2/3AA size
Battery Life	Up to three years (depending upon factors)
EMC	Latest applicable standards: EN 300 328, V1.7.1; EN 61326-1 (2006); EN 301 489-1, V1.8.1; EN 301 489-17, V2.1.1