

SL-4/5 | Innovative and Reliable

Electrical	
Operating Power	120VAC 20W
Max Pass-through Current	120VAC 30A

Physical Dimensions	
Dimensions	8" x 6" x 4" 203mm x 152mm x 102mm
Weight	4 lbs 1.8 kg
Mounting	Feet suitable for uneven surfaces.
Material	Polycarbonate

Features	
Easy Connect, Color-coded, Tool-free WAGO Wire Terminals	
Reliable Pass-Through Operation	
Surge Protection with LED	
Internal Status LEDs	
Hinged Cabinet with Door Open Detection	
Power Fail Detection and Reporting	
1 Year Warranty	

Certifications	
UL	UL STD 61010-1 CSA STD C22.2#61010-1
Enclosure UL	Type 1, 3R, 4, 4X, 6, 6P, 12 UL 94-5VA CE Certified cULus Listed File #E319779 cULus Listed File #E362920 Outdoor Exposure UL746c (f1) Rated
FCC ID	APV-2650MB
IC	5843C-2650MB

Environmental	
Temperature	-30°C - 60°C (-22°F - 140°F)
Humidity	85% RH @ 50°C NON-CONDENSING
Max Altitude	3000 Meters

Monitoring	
Power Consumption (Pump, Aerator, Disinfection, Link) (Amps)	
Air Pressure (SL-5)	
Power Loss Detection	
Power Surge Detection	
Pump Run Time and Cycle Count	
System GPS Location	
Alarms (High Level, Low/High Air Pressure, Disinfection, Power Fail, Door Open, Aux Input, Surge Protection Failure)	
Network Status (Carrier, Signal Strength, 2G/3G/4G/5G)	
Pulse Counting (Water Meter)	

Installer Connections (J1)	
1 - Input Power Line (BLACK)	AWG 8-24 120VAC 30A
2 - Input Power Neutral (WHITE)	AWG 8-24
3 - Input Power Ground (GREEN)	AWG 8-24
4 - Output Power Line (BLACK)	AWG 8-24 120VAC 30A
5 - Output Power Neutral (WHITE)	AWG 8-24
6 - Output Power Ground (GREEN)	AWG 8-24
7 - HLA/AUX1 Input (AC) (GRAY)	AWG 8-24 120VAC
8 - DIS/AUX2 Input (AC) (GRAY)	AWG 8-24 120VAC
9 - MTR/AUX3 Input (AC) (GRAY)	AWG 8-24 120VAC
10 - PROT/AUX4 Input (AC) (GRAY)	AWG 8-24 120VAC

Enclosure Connections (J2)		
1 - Door Switch +	Door Sensor Circuit	AWG 14-26
2 - Door Switch -	Door Sensor Circuit	AWG 14-26
3 - HLA/AUX1 +	High Level Alarm Circuit	AWG 14-26
4 - HLA/AUX1 -	High Level Alarm Circuit	AWG 14-26
5 - DIS/AUX2 +	Disinfection Alarm Circuit	AWG 14-26
6 - DIS/AUX2 -	Disinfection Alarm Circuit	AWG 14-26
7 - MTR/AUX3 +	Water Meter Circuit	AWG 14-26
8 - MTR/AUX3 -	Water Meter Circuit	AWG 14-26
9 - PRTO/AUX4 +	Protection Circuit	AWG 14-26
10 - PROT/AUX4 -	Protection Circuit	AWG 14-26
11 - OUT1	Control Output 150 mA max to GND	AWG 14-26
12 - OUT2	Control Output 150 mA max to GND	AWG 14-26
13 - OUT3	Control Output 150 mA max to GND	AWG 14-26
14 - 12VDC	12VDC Output for OUT 1-3 (0.5A max)	AWG 14-26

Communications	
Cellular Technology	4G LTE CAT-M1 GSM Fallback
Cellular Networks	AT&T, T-Mobile, Verizon, Alaska, US Cellular, Bell, Telus, Rogers, Videotron
Cellular Antenna	Internal
GPS Antenna	Internal
Shock and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
Battery	Internal 1100mAh

