

### **General Description**

Westell Remotes equipped with the wireless sensor option significantly reduces the installation cost, time, and logistical issues of installing wired sensors for monitoring the critical systems at a site. For example, previously, Westell's solution (and many competitors) for fuel monitoring required an intrinsically safe barrier, trenching, conduit, and significant wiring for connectivity between the fuel tank and the Westell Remote. The wireless alternative to the existing fuel monitoring solution reduces the installation cost and time required to implement the wired solution.

The industrial sensors are enclosed in a reliable, weatherproof NEMArated enclosure suitable for both indoor and outdoor use. They have a wireless range of 1,200+ feet through 12+ walls (actual range may vary depending on environment).

The industrial sensors use a coin cell battery capable of lasting 20 years or more, depending on the reporting interval at which the sensor sends data to the Westell Remote. The estimated battery life for sensors that take measurements are based on the default settings for the reporting interval and indicated in the technical specifications for each specific sensor. The battery life of sensors that report activity, such as the open/close sensor or the motion sensor, can vary based on the amount of activity.



#### Sensor Ordering Information

Part#:	Description
A90-WS-10001	900Mhz Industrial Rochester Hall-effect Sensor
A90-WS-10002	900Mhz Industrial Temperature Sensor
A90-WS-10003	900Mhz Industrial Humidity Sensor
A90-WS-10004	900Mhz Industrial Open-Closed Sensor
A90-WS-10005	900Mhz Industrial Dry Contact Sensor
A90-WS-10006	900Mhz Industrial Activity Sensor
A90-WS-11007	900Mhz AA Motion Sensor
A90-WS-10008	900Mhz Industrial Voltage Meter 0-200 VDC Sensor
A90-WS-10009	900Mhz Industrial Voltage Meter 0-500 VAC/VDC Sensor
A90-WS-10010	900Mhz Industrial Current Meter 20 Amp Sensor
A90-WS-10011	900Mhz Industrial Current Meter 150 Amp Sensor

#### **Specifications**

Part#	Description	Technical Specifications		
A90-WS-10001	Industrial Rochester Hall-effect sensor.	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°	F to +185°F)
	This sensor monitors the level of a fuel	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)
tank, including diesel a	tank, including diesel and propane, using		Capacity	1500 mAh
	Half Effect gauge.	Security	Encrypt-RF* (256-bit key exchange and AES-128 CTR)	
	Battery life approx. 23 years.	Weight	4.7 ounces	
		Enclosure rating	NEMA 1, 2, 4, 4x, 12 and 13 rated, sealed and weather proof	
		UL rating	UL-Listed to UL508-4x specifications (File E194432)	
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 9794A- 868 and 433 MHz product tested and found to comply EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3.1.1 02) and EN 60950	
A90-WS-10002	Industrial temperature sensor.	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°F to +185°F)	
	This sensor measures the amhient	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)
	temperature using an NTC thermistor.		Capacity	1800 mAh
	Battery life approx. 23 years.	Thermistor temperature range (thermistor only)	-40°C to +125°C (-40°F to +257°F) (Limited to main-unit circuitry, -40°C to +85°C)	
		Accuracy @ 25°C	+/- 1% (1° C or 1.8° F)	
		User-calibrated accuracy	+/- 0.25° C (±0.45° F)	
		Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)
		Weight	4.7 ounces	
		Enclosure rating	NEMA 1, 2, 4, 4x, 12	and 13 rated, sealed and weather proof
		UL rating	UL-Listed to UL508-4x specifications (File E194432)	
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. 868 and 433 MHz product tested and found to comply with; EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3.1.1 (2017- 02) and EN 40950	





#### Specifications continued

A90-WS-10003	Industrial Humidity sensor.	Operating temperature range (board circuitry and battery)	-40°C to +80°C (-40°F to +176°F)		
	This sensor measures the ambient	Included Battery	Max. temp. range	-40°C to +80°C (-40°F to +176°F)	
	relative humidity.		Capacity	1500 mAh	
	Battery life approx 20 years	Accuracy @ 25°C	±2% under normal conditions (0°-80% RH)		
	Datter y me approx. 20 years.	RH operating range	0-100% RH		
		Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
		Weight	4.7 ounces		
		Enclosure rating	NEMA 1, 2, 4, 4x, 12	and 13 rated, sealed and weather proof	
		UL rating	UL-Listed to UL508-4	4x specifications (File E194432)	
		Certifications	900 MHz product; FC 868 and 433 MHz pro EN 300 220-2 V3.1.1 02) and EN 60950	CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; . (2017-02), EN 300 220-2 V3.1.1 (2017-	
A90-WS-10004	Industrial Open-Closed sensor.	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°	°F to +185°F)	
	This sensor uses a magnetic switch to	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)	
	detect a break in the circuit and is ideal		Capacity	1800 mAh	
	for monitoring the state of doors and windows.	Magnetic Switch	SPST, gold under-plat plating (capable of 50	ing with Deactivated Rhodium outer- million activations)	
	Battery life approx. 27 years.	Operating Gap	Up to 3/4 inch		
		Wire Leads	22 gauge/15 inch len	gth	
		Magnet	Alnico magnet/weath with self-adhesive ba	erproof, high-impact ABS plastic covering cking	
		Magnet temperature range	-15°F to 160°F (-25°C	C to 70°C)	
		Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
		Weight	4.7 ounces		
		Enclosure rating	NEMA 1, 2, 4, 4x, 12	and 13 rated, sealed and weather proof	
		UL rating	UL-Listed to UL508-4	4x specifications (File E194432)	
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 979 868 and 433 MHz product tested and found to corr EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3 02) and EN 60950		
A90-WS-10005	Industrial Dry Contact sensor.	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°	°F to +185°F)	
	This sensor uses two lead wires to	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)	
	detect contact between two wired		Capacity	1800 mAh	
	contact end points and can be easily integrated into existing switches or	Lead wire length	1 ft (12 in.)		
	contact plates.	Detection wires	High impedance		
	Battery life approx 27 years	Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
	Buttery me upprox. 27 years	Weight	4.7 ounces		
		Enclosure rating	NEMA 1, 2, 4, 4x, 12 and 13 rated, sealed and weathe		
		UL rating	UL-Listed to UL508-4x specifications (File E194432)		
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. 868 and 433 MHz product tested and found to comply with; EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3.1.1 (2017- 02) and EN 60950		
A90-WS-10006	Industrial Activity sensor.	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°	°F to +185°F)	
	This sensor is used to detect sudden	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)	
	movement/vibration or non-movement		Capacity	1800 mAh	
	of a device or surface.	Sensitivity	0.05 g		
	Battery life approx. 26 years	Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
		Weight	4.7 ounces		
		Enclosure rating	NEMA 1, 2, 4, 4x, 12	and 13 rated, sealed and weather proof	
		UL rating	UL-Listed to UL508-4	UL-Listed to UL508-4x specifications (File E194432)	
		Certifications	900 MHz product; FC 868 and 433 MHz pro EN 300 220-2 V3.1.1 02) and EN 60950	CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; . (2017-02), EN 300 220-2 V3.1.1 (2017-	





#### Specifications continued

A90-WS-11007	Motion sensor	Operating temperature range (board circuitry and battery)	-18°C to 55°C (0°F to	13°F) using alkaline	
	This sensor uses an infrared sensor to		-40°C to +85°C (-40°F to +185°F) using lithium		
	detect movement within a 15 ft (4.5 m)	Optimal battery temperature range (AA)	+10°C to +50°C (+50°F to +122°F)		
	range in an indoor environment. 2AA	Software adjustable sensor detection range	15 ft (4.5 m)/12 ft (3.7 m)/9 ft (2.7 m)		
	Element.	Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
	Battery life approx. 26 years	Weight	3.7 ounces		
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 9794A-G2SC 868 and 433 MHz product tested and found to comply with; EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3.1.1 (2017 02) and EN 60950		
A90-WS-10008	Industrial Voltage Meter 0-200 VDC	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°F to +185°F)		
	sensor.	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)	
	This sensor measures the voltage, up		Capacity	1800 mAh	
	to 200 VDC, between two electrical	Full-scale voltage	0-200 VDC	·	
	points.	Absolute maximum voltage	250 VDC		
	Battery life approx. 23 years.	Sensor resolution	0.01 VDC		
		Minimum voltage detected	150mV		
	Accuracy	@1V or above: +/- 1% (0.5% typical) @500mV: +/- 2% typical @250mV +/- 4% typical @500mV +/- 7% typical			
		Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
		Weight	4.7 ounces		
		Enclosure rating	NEMA 1, 2, 4, 4x, 12	and 13 rated, sealed and weather proof	
	UL rating	UL-Listed to UL508-4x specifications (File E194432)			
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. 868 and 433 MHz product tested and found to comply with; EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3.1.1 (2017- 02) and EN 60950		
A90-WS-10009	Industrial Voltage Meter 0-500 VAC/	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°F to +185°F)		
	VDC sensor.	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)	
	Battery life approx. 23 years.		Capacity	1800 mAh	
	This sensor measures the voltage, up to	Supported operation modes	VACrms (root mean squared), Peak voltage, DC voltage		
	500 VAC or VDC, and operates in one	Full-scale voltage	0-500 VAC/VDC		
	of three modes: • VACrms (root mean squared) • Peak voltage	Maximum input voltage	600 VAC/ VDC		
		Accuracy	+/- 3% FS (user calibrated: +/- 1% FS)		
	DC voltage	Security	Encrypt-RF* (256-bit	key exchange and AES-128 CTR)	
		Weight	4.7 ounces		
		Enclosure rating	NEMA 1, 2, 4, 4x, 12 and 13 rated, sealed and weather proof		
		UL rating	UL-Listed to UL508-4	UL-Listed to UL508-4x specifications (File E194432)	
		Certifications	900 MHz product; FC 868 and 433 MHz pro EN 300 220-2 V3.1.1 02) and EN 60950	CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; (2017-02), EN 300 220-2 V3.1.1 (2017-	





#### Specifications continued

A90-WS-10010	Industrial Current Meter 20 Amp	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°F to +185°F)	
	sensor.	Included Battery	Max. temp. range	-40°C to +85°C (-40°F to +185°F)
	Battery life approx. 23 years.		Capacity	1800 mAh
	This sensor uses a split-core low current	Security	Encrypt-RF* (256-bit key exchange and AES-128 CTR)	
	transformer (CT), 0-20 Amp, to measure	Weight	4.7 ounces	
	RMS (root mean square) current.	Enclosure rating	NEMA 1, 2, 4, 4x, 12 and 13 rated, sealed and weather proof	
		UL rating	UL-Listed to UL508-4x specifications (File E194432)	
		Certifications	900 MHz product; FCC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. 868 and 433 MHz product tested and found to comply with; EN 300 220-2 V3.1.1 (2017-02), EN 300 220-2 V3.1.1 (2017- 02) and EN 60950	
		Absolute max CT current	50 Amps RMS (Arms)	
		Maximum accurate CT current	20 Arms	
		Frequency range	50-100 Hz	
		Accuracy	+/- 2% @ 2 to 20 Arms, +/07 Arms @ < 2 Arms	
		Calibrated accuracy with appropriate offset	+/- 1% @ 2 to 20 Arms, +/035 Arms @ < 2 Arms	
		Offset limits	-1.27 to + 1.27 Arms (default set to +0.1 Arms)	
		Measurement resolution	~.01 Arms	
	Current transducer dimensions	40 mm x 25 mm x 26 mm (10 mm inner diameter)		
	011 Industrial Current Meter 150 Amp			
A90-WS-10011	Industrial Current Meter 150 Amp	Operating temperature range (board circuitry and battery)	-40°C to +85°C (-40°	°F to +185°F)
A90-WS-10011	Industrial Current Meter 150 Amp sensor.	Operating temperature range (board circuitry and battery) Included Battery	-40°C to +85°C (-40° Max. temp. range	°F to +185°F) -40°C to +85°C (-40°F to +185°F)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years.	Operating temperature range (board circuitry and battery) Included Battery	-40°C to +85°C (-40° Max. temp. range Capacity	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high	Operating temperature range (board circuitry and battery) Included Battery Security	-40°C to +85°C (-40° Max. temp. range Capacity Encrypt-RF* (256-bit	°F to +185°F)         -40°C to +85°C (-40°F to +185°F)         1800 mAh         key exchange and AES-128 CTR)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp,	Operating temperature range (board circuitry and battery) Included Battery Security Weight	-40°C to +85°C (-40° Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh : key exchange and AES-128 CTR)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating	-40°C to +85°C (-40° Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh key exchange and AES-128 CTR) and 13 rated, sealed and weather proof
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating UL rating	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508-4	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh t key exchange and AES-128 CTR) and 13 rated, sealed and weather proof 4x specifications (File E194432)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating UL rating Certifications	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh t key exchange and AES-128 CTR) and 13 rated, sealed and weather proof 4x specifications (File E194432) CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; 1 (2017-02), EN 300 220-2 V3.1.1 (2017-
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating UL rating Certifications Absolute max CT current	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh t key exchange and AES-128 CTR) and 13 rated, sealed and weather proof 4x specifications (File E194432) CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; 1 (2017-02), EN 300 220-2 V3.1.1 (2017- s)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating UL rating Certifications Absolute max CT current Maximum accurate CT current	-40°C to +85°C (-40° Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm 150 Arms	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh : key exchange and AES-128 CTR) and 13 rated, sealed and weather proof 4x specifications (File E194432) CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; 1 (2017-02), EN 300 220-2 V3.1.1 (2017- is)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating UL rating Certifications Absolute max CT current Maximum accurate CT current Frequency range	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm 150 Arms 50-100 Hz	°F to +185°F) -40°C to +85°C (-40°F to +185°F) 1800 mAh : key exchange and AES-128 CTR) and 13 rated, sealed and weather proof 4x specifications (File E194432) CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1. oduct tested and found to comply with; 1 (2017-02), EN 300 220-2 V3.1.1 (2017- IS)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery) Included Battery Security Weight Enclosure rating UL rating UL rating Certifications Absolute max CT current Maximum accurate CT current Frequency range Accuracy	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508-4 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm 150 Arms 50-100 Hz +/- 2% @ 2 to 150 Ar	F to +185°F)         -40°C to +85°C (-40°F to +185°F)         1800 mAh         : key exchange and AES-128 CTR)         and 13 rated, sealed and weather proof         4x specifications (File E194432)         CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1.         oduct tested and found to comply with;         1 (2017-02), EN 300 220-2 V3.1.1 (2017-         rss, +/- 0.4 Arms @ < 15 Arms
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery)         Included Battery         Security         Weight         Enclosure rating         UL rating         Certifications         Absolute max CT current         Maximum accurate CT current         Frequency range         Accuracy         Calibrated accuracy with appropriate offset	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508-4 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm 150 Arms 50-100 Hz +/- 2% @ 2 to 150 Ar +/- 1% @ 2 to 150 Ar	°F to +185°F)         -40°C to +85°C (-40°F to +185°F)         1800 mAh         : key exchange and AES-128 CTR)         and 13 rated, sealed and weather proof         4x specifications (File E194432)         CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1.         oduct tested and found to comply with;         1 (2017-02), EN 300 220-2 V3.1.1 (2017-         is)         rms, +/- 0.4 Arms @ < 15 Arms         rms, +/- 0.2 Arms @ < 2 Arms
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery)         Included Battery         Security         Weight         Enclosure rating         UL rating         Certifications         Absolute max CT current         Maximum accurate CT current         Frequency range         Accuracy         Calibrated accuracy with appropriate offset         Offset limits	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508-4 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm 150 Arms 50-100 Hz +/- 2% @ 2 to 150 Ar +/- 1% @ 2 to 150 Ar	°F to +185°F)         -40°C to +85°C (-40°F to +185°F)         1800 mAh         teve exchange and AES-128 CTR)         and 13 rated, sealed and weather proof         4x specifications (File E194432)         CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1.         oduct tested and found to comply with;         1 (2017-02), EN 300 220-2 V3.1.1 (2017-         is)         rms, +/- 0.4 Arms @ < 15 Arms         rms, +/- 0.2 Arms @ < 2 Arms         (default set to +0.3 Arms)
A90-WS-10011	Industrial Current Meter 150 Amp sensor. Battery life approx. 23 years. This sensor uses a split-core high current transformer (CT), 0-150 Amp, to measure RMS (root mean square) current.	Operating temperature range (board circuitry and battery)         Included Battery         Security         Security         Weight         Enclosure rating         UL rating         Certifications         Absolute max CT current         Maximum accurate CT current         Frequency range         Accuracy         Calibrated accuracy with appropriate offset         Offset limits         Measurement resolution	-40°C to +85°C (-40' Max. temp. range Capacity Encrypt-RF* (256-bit 4.7 ounces NEMA 1, 2, 4, 4x, 12 UL-Listed to UL508-4 900 MHz product; FC 868 and 433 MHz pr EN 300 220-2 V3.1.1 02) and EN 60950 200 Amps RMS (Arm 150 Arms 50-100 Hz +/- 2% @ 2 to 150 Ar +/- 1% @ 2 to 150 Ar -1.27 to + 1.27 Arms ~0.1 Arms	°F to +185°F)         -40°C to +85°C (-40°F to +185°F)         1800 mAh         tkey exchange and AES-128 CTR)         and 13 rated, sealed and weather proof         4x specifications (File E194432)         CC ID: ZTL-G2SC1 and IC: 9794A-G2SC1.         oduct tested and found to comply with;         1 (2017-02), EN 300 220-2 V3.1.1 (2017-         is)         rms, +/- 0.4 Arms @ < 15 Arms         rms, +/- 0.2 Arms @ < 2 Arms         (default set to +0.3 Arms)



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