



Z-Wave[™] shutter control with power measurement

Wave Shutter enables remote control of motorized shades, rollers, blinds, windows, awnings, or any device powered by bidirectional AC motor. It supports control over the tilt position of the venetian blind slats. You can control it either via your smartphone/tablet or according to schedules or scenes, while retaining the option for manual operation with a wall switch. Precise positioning is supported for motors equipped with mechanical or electronic end limit switches.



ADVANTAGES

- Control over the tilt position of the venetian blind slats.
- Supports **push-buttons/momentary switches** and **toggle switches**.
- Measures power consumption of the connected appliance (blind, roller shutter, etc.).
- Small size ensures the simplest installation behind wall switches.
- Extended wireless range up to 40 m indoors.
- SmartStart for the automatic set-up.
- OTA Firmware update for over-the-air updates.
- Security Vault[™] ensures the highest level of security with features, such as secure boot, secure key management, secure debug, and more.
- S2 Security authenticated.
- Extremely low energy consumption: less than 0.3 W.
- Works with Z-Wave certified gateways (hubs) and over 4000 Z-Wave devices.

TECHNICAL SPECIFICATIONS

Power supply110–240 V AC ±10%Power consumption< 0.3 W		
Power measurement (W)YesMax switching voltage AC240 VMax switching current AC10 A per channelOverheating protectionYesOvercurrent protectionYesDistanceup to 40 m indoors (131 ft.) (depends on local condition)Z-Wave repeaterYesCPUZ-Wave S800Z-Wave frequencies band(s)868,4 MHz; 865,2 MHz; 869,0 MHz; 912,4 MHz; 908,4 MHz; 916 MHz; 919,8 MHz; 922,5 MHz; 919,7-921,7-923,7 MHz; 868,1 MHz; 920,9 MHzMaximum radio frequency power transmitted in frequency band(s)37 mm x 42 mm x 16 mm ± 0.5 mm / 1.46 in x 1.65 in x 0.63 in ± 0.02 inSize (H x W x D)37 mm x 42 mm x 16 mm ± 0.5 mm / 1.46 in x 1.65 in x 0.63 in ± 0.02 inWeight29 g / 1.02 oz. MountingMountingWall consoleScrew terminals max torque0.4 Nm / 3.5 lbinConductor cross section0.5 to 1.5 mm² / 20 to 16 AWGConductor stripped length5 to 6 mm / 0.20 to 0.24 inShell materialPlasticColorBlackAmbient temperature-20°C to 40°C / -5°F to 105°FHumidity30% to 70% RH		
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Humidity 30% to 70% RH	Color	Black
	Ambient temperature	-20°C to 40°C / -5°F to 105°F
Max. altitude 2000 m / 6562 ft.	Humidity	30% to 70% RH
2000.11, 0002.10	Max. altitude	2000 m / 6562 ft.

WIRING DIAGRAMS

110-240 V AC



