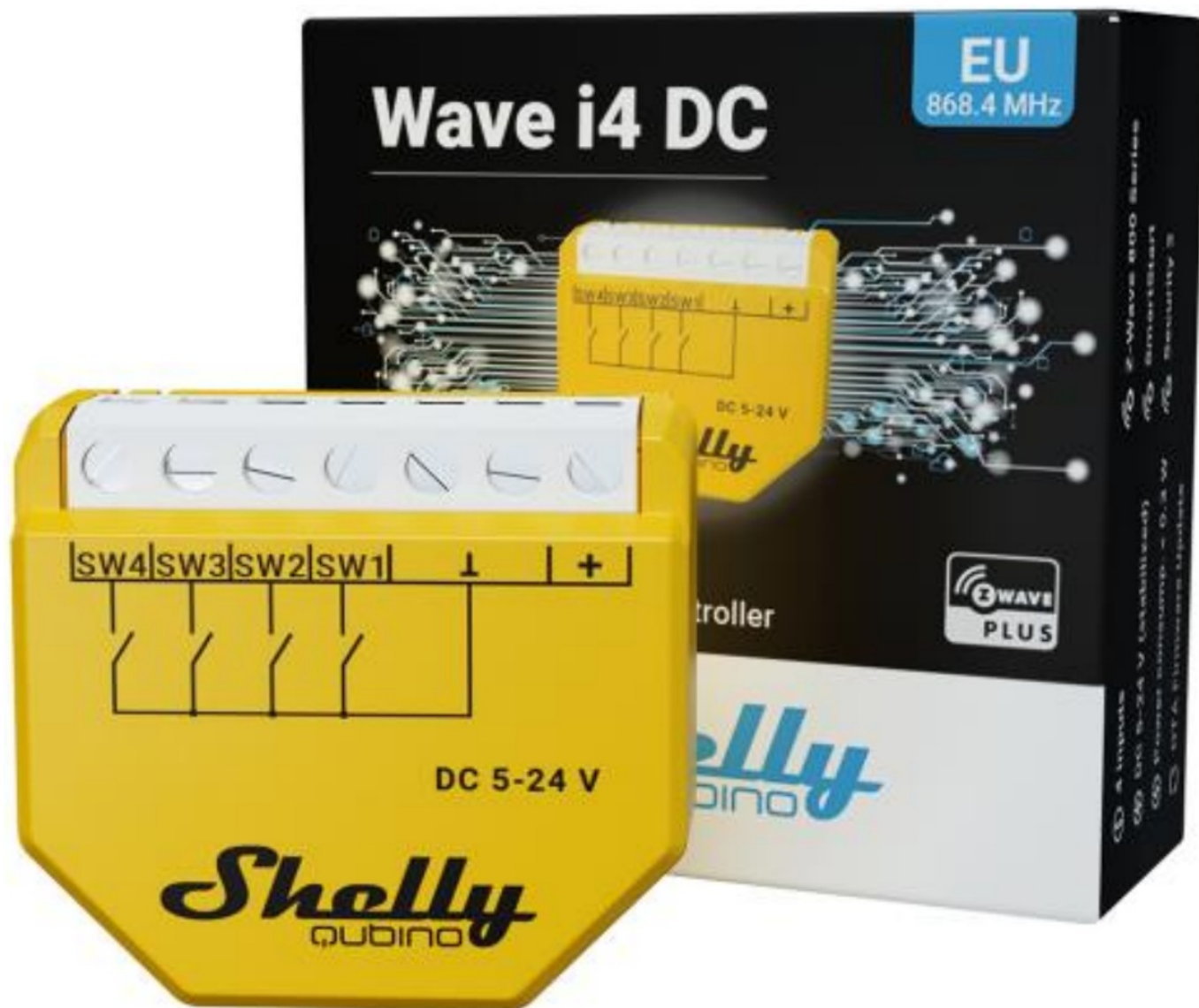




Shelly Wave i4 DC Z-Wave 4 Digital Inputs Controller User Guide

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Shelly Wave i4 DC Z-Wave 4 Digital Inputs Controller



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Z-Wave™ 4 digital inputs controller

Wave i4 DC is a 4-digital inputs device (5-24 V DC) that controls other devices within the Z-Wave network. It allows you to manually activate or deactivate (e.g. with a switch) any created scene, run synchronized actions, or execute complex trigger scenarios. Wave i4 DC supports up to 3 different automation actions per button (up to 12 in total), which makes it very convenient for quick manual control over a group of devices.

ADVANTAGES

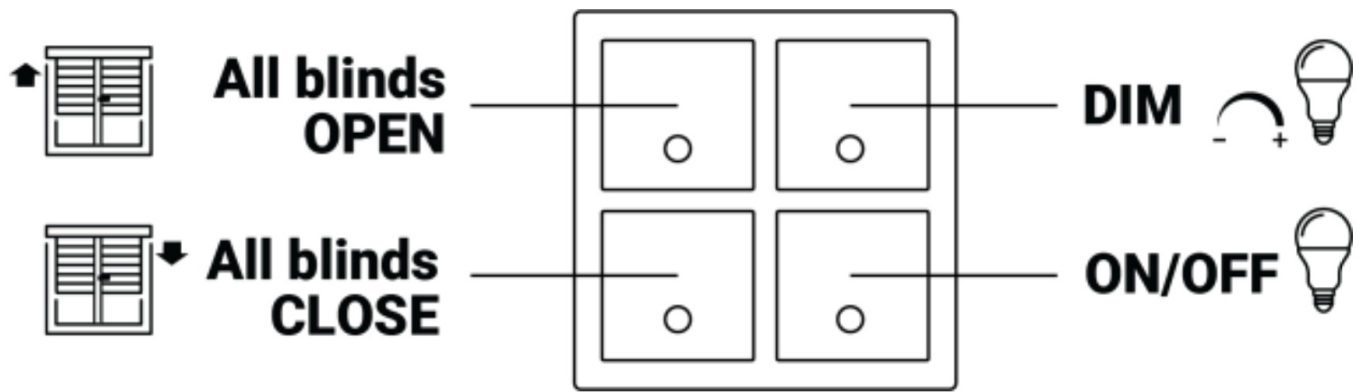
- Manually control other Z-Wave devices (e.g. with a multi-button switch).
- Multi-click – activation of up to 12 actions.
- Latest technology: Z-Wave 800 Series.

- Extended wireless range – up to 40 m indoors.
- Smart Start for the automatic set-up.
- OTA Firmware update for over-the-air updates.
- S2 Security authenticated.
- Security Vault™ ensures the highest level of security with features, such as secure boot, secure key management, secure debug, and more.
- Extremely low energy consumption: less than 0.3 W.
- Small size ensures the simplest installation behind wall switches.
- Works with Z-Wave certified gateways (hubs) and over 4000 Z-Wave devices.

Wave i4 DC is an input reader device (it does not contain relays).

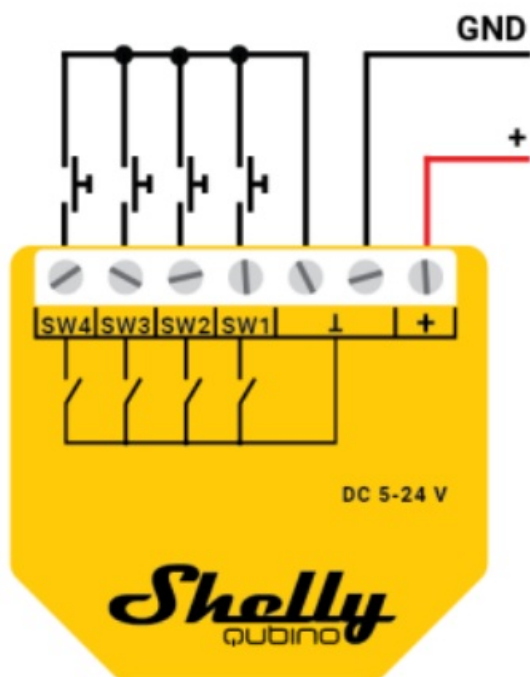
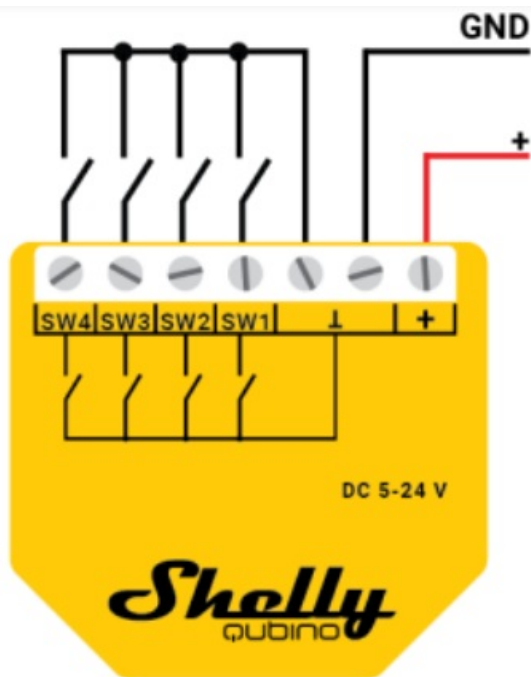
TECHNICAL SPECIFICATIONS

Power supply AC	No
Power supply DC	5 – 24 V DC
Power consumption	< 0.3 W
Overload protection	No
Power measurement	No
Number of inputs	4
Distance	Up to 40 m indoors (131 ft.) (depends on local condition)
Z-Wave repeater:	Yes
CPU	Z-Wave S800
Z-Wave frequency band	868,4 MHz
Maximum radio frequency power transmitted in frequency bend(s)	< 25 mW
Size (H x W x D)	37x42x16 ±0.5 mm / 1.46×1.65×0.63 ±0.02 in
Weight	17 g / 0.6 oz
Mounting	Wall console
Screw terminals max. torque	0.4 Nm / 3.5 lbin
Conductor cross section	0.5 to 1.5 mm ² / 20 to 16 AWG
Conductor stripped length	5 to 6 mm / 0.20 to 0.24 in
Shell material	Plastic
Color	Yellow
Ambient temperature	-20°C to 40°C / -5°F to 105°F
Humidity	30 % to 70 % RH



WIRING DIAGRAMS

5-24 V DC





Documents / Resources



[Shelly Wave i4 DC Z-Wave 4 Digital Inputs Controller](#) [pdf] User Guide
Wave i4 DC Z-Wave 4 Digital Inputs Controller, Wave i4 DC, Z-Wave 4 Digital Inputs Controller, Digital Inputs Controller, Inputs Controller, Controller

References

- [User Manual](#)

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