

Professional Z-Wave® Long Range 3-channel DIN rail smart switch with dry contacts

Shelly Wave Pro 3 is a 3-channel relay supporting up to 48 A for professional lights and appliance automation for residential or commercial use. It is equipped with potential-free outputs (dry contacts), offering high flexibility in voltage support and applications. Supporting Z-Wave Long Range (ZWLR), it ensures extended communication range and reliable performance. Different types of actions, scenarios, and schedules can be set to sync your environment to your daily activities or business needs.

ADVANTAGES

- 3 outputs, 16 A each. Total device maximum of 48 A.
- DIN-rail mountable
- Dry contacts
- Extremely low power consumption: < 0.3 W
- Z-Wave frequency band: 864 MHz (ZWLR) & 868.4 MHz (Z-Wave Plus)
- Latest technology: Z-Wave 800 Series
- Automatic set-up with SmartStart
- Security 2 Authenticated for the highest level of security
- Over-the-air firmware updates
- Works with Z-Wave-certified gateways (Z-Wave Plus) and over 4,000 Z-Wave devices

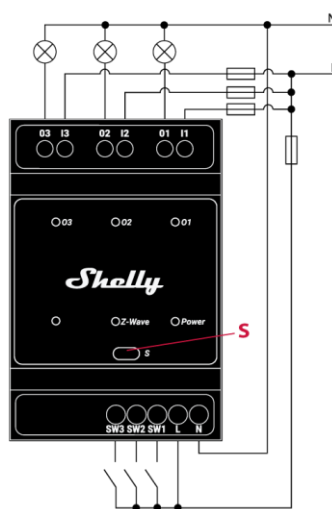


TECHNICAL SPECIFICATIONS

Power supply		110 - 240 V AC, 50/60 Hz
Power consumption		< 0.3W
Power measurement [W]		No
Max. switching voltage AC		240 V
Max. switching current AC		16 A per channel, 48 A total
Max. switching voltage DC		30 V
Max. switching current DC		16 A per channel, 48 A total
Overheating protection		Yes
Long range network	Distance (depends on local condition)	Up to 80 m indoors (262 ft.) or up to 1000 m outdoors (3281 ft.)
	Z-Wave® repeater	No
	Z-Wave® frequency bands	864.0 MHz
Mesh network	Distance (depends on local condition)	Up to 40 m indoors (131 ft.)
	Z-Wave® repeater	Yes
	Z-Wave® frequency bands	868.4 MHz
CPU		Z-Wave® S800
Maximum radio frequency power transmitted in frequency band(s)		< 25 mW
Size (H x W x D)		96x53x59 ± 0.5 mm / 3.78x2.01x2.32 ± 0.02 in
Weight		150 g / 5.29 oz
Mounting		DIN rail
Screw terminals max. torque		0.4 Nm / 3.54 lbin
Conductor cross section		0.5 to 2.5 mm² / 20 to 14 AWG (green connector)
Conductor stripped length		6 to 7 mm / 0.24 to 0.28 in (green connector)
Shell material		Plastic
Color		Black
Ambient temperature		-20°C to 40°C / -5°F to 105°F
Humidity		30% to 70% RH
Max. altitude		2000 m / 6562 ft.

WIRING DIAGRAMS

1-phase



3-phase

