Professional 1-channel DIN rail Z-Wave® smart dimmer with power monitoring

Suitable for home and facility automation with remote control. DIN-rail mountable inside a breaker box. Enhanced safety features.

ADVANTAGES

- Dimming type: Trailing edge
- Power measurement
- Automatic dimming calibration
- Switch/button input mode
- Use with your existing switches (one/dual button control)
- Adjustable min/max brightness
- Adjustable button fade rate and transition time
- DIN-rail mountable
- Extremely low power consumption: < 0.3 W
- Z-Wave frequency band: 868.4 MHz (CEPT countries)
- 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 and over 4,000 Z-Wave devices

TECHNICAL SPECIFICATIONS

Power supply	110 - 240 V ~, 50/60 Hz
Power consumption	< 0.3W
Power measurement	Yes
Overheating protection	Yes
External protection	10 A, tripping characteristic B or C, 6 kA interrupting rating, Energy limiting class 3
Dimming type	Trailing edge
Max. Output power	200 W
Overload protection	Yes
Overvoltage protection	Yes
Distance	Up to 40 m indoors (131 ft.) (depends on local condition)
Z-Wave® repeater:	Yes
CPU	Z-Wave® S800
Z-Wave® frequency bands	868.4 MHz
Maximum radio frequency power transmitted in frequency band(s)	< 25 mW
Size (H x W x D)	94 x 19 x 69 ±0.5 mm / 3.7 x 0.75 x 2.71 ±0.02 in
Weight	75 g / 2.65 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 connectors) 0.5 to 1.5 mm² / 20 to 16 AWG (white connectors)
Conductor stripped length	6 to 7 mm / 0.24 to 0.28 in (green connector) 5 to 6 mm / 0.20 to 0.24 in (white connectors) (solid, stranded, and bootlace ferrules)
Shell material	Plastic
Color	Lime
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

110-240 V AC