M10 Smart Switch

Smart Switch

The Radiant M10 Smart Switch is a sleek, reliable indoor smart wall switch available in 1-gang through 4-gang configurations with classic black or white finishes.



Overview

Designed for modern smart homes and offices, the Radiant M10 Smart Switch combines elegant aesthetics with robust automation capabilities. Built with high-grade, fire-retardant polycarbonate materials, it integrates seamlessly into standard 86 junction boxes, drywall, or wood panels. It supports a wide range of lighting types—including LED, incandescent, tungsten, halogen, and fluorescent lamps—offering flexible channel load capacities and reliable Zigbee wireless control. Engineered for longevity, it guarantees over 100,000 mechanical and electrical cycles for dependable everyday performance.

Key features

- Available in multiple configurations: 1-Gang, 2-Gang, 3-Gang, and 4-Gang options.
- Offered in dual color variants: Clean White and stylish Black finishes.
- Supports versatile lighting compatibility, including incandescent, halogen, LED, and energy-saving fluorescent lamps.
- Equipped with built-in network buttons and indicators for straightforward pairing and status tracking.
- High durability with a mechanical and electrical lifespan exceeding 100,000 cycles.
- Safe, flame-retardant PC construction (UL94 V-0 rated).

Specifications

Product Specification	Details
Product Model	1-Gang / 2-Gang / 3-Gang / 4-Gang
Dimensions	86 × 86 × 36 mm (L × H × W)
Applicable Environment	Temperature: -10°C to +55°C; Humidity: 0–93% RH (non-condensing)
Standby Power Consumption	0.6 W
Power Supply	AC 110–240 V, 50–60 Hz

Output Load – Resistive	Tungsten, incandescent and halogen lamps: 1,000 W per channel
Total Load Capacity	2,000 W
Output Load – Capacitive/Inductive	LED, energy-saving and fluorescent lamps: 500 W per channel
Communication Distance	Up to 100 m in open space; wall penetration through at least 2 walls
Processor	Silicon Labs
Infrared Emission Angle	120° wide-angle; maximum front transmission distance: 10 m
Communication Standard	ZigBee 3.0
Panel Material	V0-grade flame-retardant PC
Protection Rating	IP30
Installation	Standard 86-type electrical box (white lime walls and light-steel keel gypsum board walls) or wooden surface installation
Multi-Gang Combination	Supports 2-gang, 3-gang and 4-gang combination installations

Ordering information

Part Code	Description
RD306011	M10 Smart Switch - 1 Gang White
RD306012	M10 Smart Switch - 2 Gang White
RD306013	M10 Smart Switch - 3 Gang White
RD306014	M10 Smart Switch - 4 Gang White
RD306021	M10 Smart Switch - 1 Gang Black
RD306022	M10 Smart Switch - 2 Gang Black
RD306023	M10 Smart Switch - 3 Gang Black
RD306024	M10 Smart Switch - 4 Gang Black

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