

# Denver® Square Wireless Switch



## Denver® Square Dual Load Wireless Switch, 240V (DV-SW240-N)

The Denver® Square Dual Load Wireless Switch combines two relays and a configurable keypad for on/off control of up to two loads. The keypad can be configured with two to seven buttons using five different button sizes for a total of 38 possible configurations.

- Provides independent control of up to two different loads.
- Wireless communication and standard wiring provide easy installation in new construction and retrofit environments.
- Compatible with a variety of load types including incandescent, halogen, electronic low-voltage (solid state) transformers, magnetic (iron core) low-voltage transformers, fluorescents, compact fluorescents, LEDs, and motors.
- Continuously measures energy being used by the attached load.
- Elegant, sophisticated design makes a beautiful addition to any home or business.
- Custom engraving available to clearly identify each button.
- Backlit button engraving with programmable color control for easy readability regardless of time of day or light level.
- Programmable RGB LEDs provide status feedback for lighting and other devices in the system.
- Configure with two to seven buttons using five different button sizes for a total of 38 possible configurations.
- Easy reconfiguration means there's no need to worry about how many buttons will be needed on a specific switch before (or even after) installation.
- Ships as "neutral" devices with no buttons included. Keypad-style button kit and Rocker-style button kits sold separately in a variety of colors (see "Available accessories").
- Ambient light sensor automatically adjusts backlight and status LED brightness depending on the light level in the room.
- Denver® screwless faceplates, sold separately, provide a sleek profile (see "Available accessories").
- Installs in standard square (UK/China-style) single-gang wall box.
- Not compatible with round (EU-style) or UK-style double-gang wall boxes

Model Number	DV-SSW240-N
<b>POWER</b>	
Power Requirements	230VAC +/-10%, 50/60 Hz This device requires a neutral connection
Power consumption	950mW

## Load types and ratings

Supported load types Incandescent, halogen, electronic (solid state) low-voltage (ELV) transformer, magnetic (iron core, inductive) low-voltage (MLV) transformer, compact fluorescent, LED , and motor.

## Maximum load

Incandescent (tungsten)	4A
Halogen	4A
Fluorescent	3A
Compact fluorescent (CFL)	3A
LED	1A
MLV	2A
ELV	2A
Motors	1/8 HP

## Environmental

Operational Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F) All load ratings based on an ambient temperature of 25 °C (77 °F).
Humidity	5% to 95% non-condensing
Storage	-20 °C ~ 70 °C (-4 °F ~ 158 °F)

## Miscellaneous

Control communications	ZigBee, IEEE 802.15.4, 2.4 GHz, 15-channel spread spectrum radio
Wires per connector	One 0.5 mm <sup>2</sup> - 2.5 mm <sup>2</sup> OR two 0.5 mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Dimensions	81 × 81 × 30 mm (3.2 × 3.2 × 1.2 in.)
Weight	0.113 kg (0.25 lb.)
Shipping weight	0.159 kg (0.35 lb.)
Depth in wall box	25.8 mm (1.0 in.)
Minimum wall box depth	35 mm (1.4 in.)

## Available Accessories

Square Device Keypad Button Kit (DV-CKSK-xx)	WH, SW, BL, MB, AU
Square Device Rocker Button Kit (DV-CKSR-xx)	WH, SW, BL, MB, AU
Square Faceplate (DV-SFP1-xx) Glass Metal and plastic	WG, BG, WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB, CH, MS
	95 × 95 × 8.0 mm (3.7 × 3.7 × 0.3 in.) 85 × 85 × 7.5 mm (3.3 × 3.3 × 0.3 in.)
Square Dual Faceplate (DV-SFP2-xx)	WH, BL, SW, MB, AU
Square Trim Ring (DV-SSTR-xx)	WH, BL, SW, MB, AU
Square Dual Trim Ring (DV-SDTR-xx)	WH, BL, SW, MB, AU
Engraved Button, Single High (DV-EBD1H-xx)	WH, LA, IV, BR, BL, SW, MB, BI,



Engraved Button, Double High (DV-EBD2H-xx)	AU WH, LA, IV, BR, BL, SW, MB, BI,
Engraved Button, Triple High (DV-EBD3H-xx)	AU WH, LA, IV, BR, BL, SW, MB, BI,
Engraved Button, Rocker (DV-EBDR-xx)	AU WH, LA, IV, BR, BL, SW, MB, BI, AU

**Gloss Colors:** WH=White, LA=Light Almond, IV=Ivory, BR=Brown, BL=Black

**Satin Colors:** SW=Snow White, MB=Midnight Black, BI=Biscuit, AU=Aluminum

**Metal Finishes:** SN=Satin Nickel, SS=Stainless Steel, VB=Venetian Bronze

**Glass colors:** WG=White, BG=Black

©2013, Denver Corporation. All rights reserved. Denver, the Denver logo, and the 4-ball logo, are registered trademarks or trademarks of Control4 Corporation in the United States and/or other countries. All specifications subject to change without notice. #101512-B



**SQUARE DUAL LOAD WIRELESS ADAPTIVE PHASE DIMMER**  
 SKU: C4-SDAPD240-N

