20A, 125VAC
5VDC, 2.0A
NEMA 5-20R

Swidget™ 20A Configurable Receptacle

The Swidget Configurable 20A Outlet is a duplex 125VAC 20A modular Smart Home enabled device (NEMA 5-20R compliant). The modularity of the device allows for easy after-market installation of a Swidget Insert that can enable the wireless control and independent power monitoring of the receptacle, in addition to providing other sought-after functions like sensors, speakers or lighting.

FEATURES

- Universal compatibility – user replaceable Swidget modules allow this to work with all wireless platforms, now or in the future.

- Independent direct power monitoring for each of the two (2) receptacles.

- Plug and play Swidget features a wide range of function options spanning smart home and stand-alone applications that no other Smart Home platform can accomplish.

- Future proof – with the removable Swidget Inserts you can upgrade, move, and reconfigure receptacles without any re-wiring.

- User safe employing Tamper Resistant receptacles and the Swidget cavity is certified as a CLASS 2 output device.

DESCRIPTION

The Swidget product line targets the Home Automation and Smart Home markets with a unique future-proof solution. This 20A Outlet has the ability to allow function specific Swidgets to be installed/removed/swapped making this platform the optimal choice for renovations and new construction. This Outlet installs like a standard wall receptacle using the same wiring. Installation of any of the multiple Swidget module types turns this into a powerful and flexible Smart Home device. The swapability of the Swidgets ensures that this will work with any of the Smart Home wireless systems now or in the future.
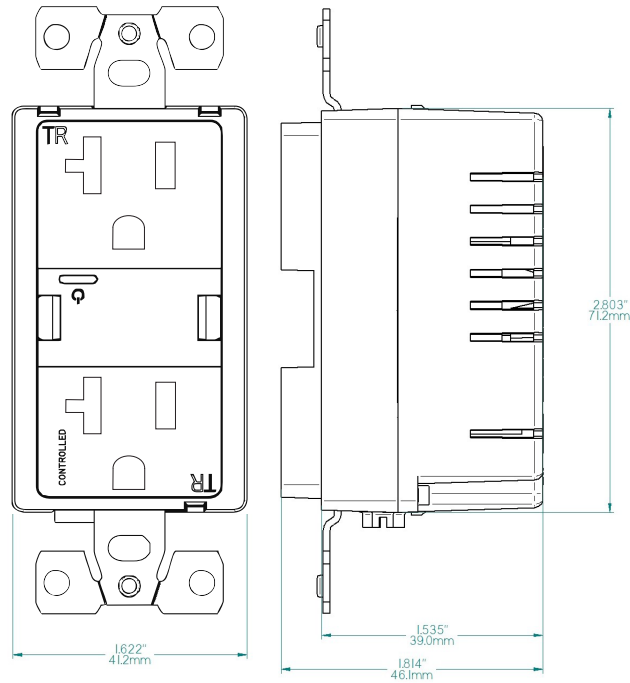
SPECIFICATIONS

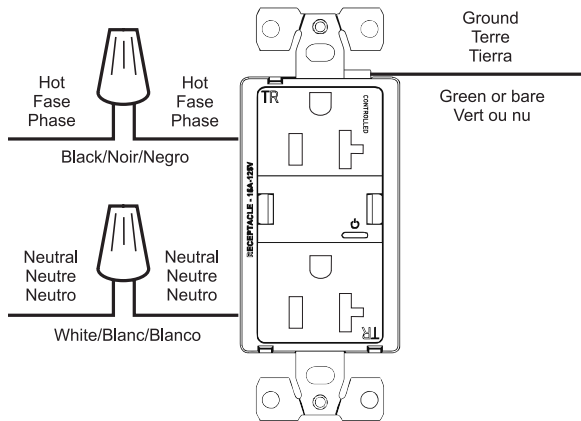|	
Product Number	R1020S (W=white)
Input Power Rating	125VAC, 20A
Outlet Receptacle Configuration	NEMA 5-20R
Resistive Load Rating Motor Load Rating	2400W 1.0HP
Relay Mechanical Endurance Rating	2,000,000 cycles (or 548 years @ 10 cycles per day)
Wiring Type	Pre-stripped wire leads (Line/Neutral) #12 AWG (Stranded), Ground screw
Testing and Code Compliance	UL498 / UL1310, CSA C22.2 #42, #223 (Canada and US)
Flammability	UL94 5VA
Environmental	Indoor installation only
Operating Temperature	14F to 104F (-10C to 40C)
Insert Voltage Output	Nominal 5VDC (+/- 5%)
Insert DC Protection	CLASS 2 - Current limiting and thermal shutdown protection
Insert Current Output	Constant current maximum 2.0A

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POWER TO LIVE SMART

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DIMENSIONS

2.803"
71.2mm

1.622"
41.2mm

1.535"
39.0mm

1.814"
46.1mm

WIRING DIAGRAM

Hot
Fase
Phase

Hot
Fase
Phase

Black/Noir/Negro

Neutral
Neutre
Neutro

Neutral
Neutre
Neutro

White/Blanc/Blanco

Ground
Terre
Tierra

Green or bare
Vert ou nu

Wiring Diagram
Schema de cablage
Diagrama de Alambrado

REVISION HISTORY

Revision Number	Date	Comment
000	2021/02/19	Initial release

SALES

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