



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



Swidget™ 20A Outlet

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.

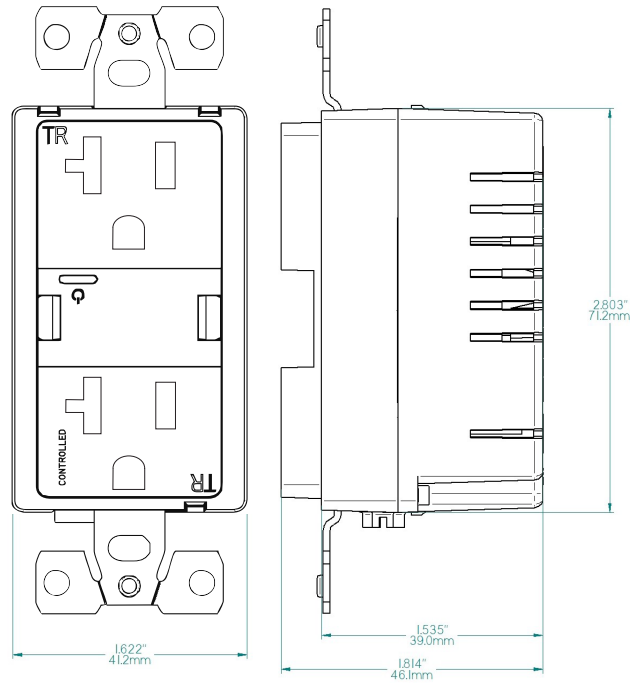
DESCRIPTION

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.

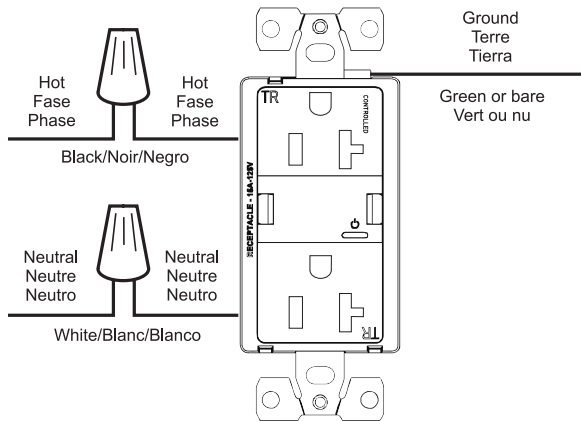
SPECIFICATIONS

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

DIMENSIONS



WIRING DIAGRAM



Wiring Diagram
Schema de cablage
Diagrama de Alambrado

REVISION HISTORY

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

SALES

Corporate Office
6-677 Innovation Drive
Kingston, ON K7K 7E6
<https://www.swidget.com>