

20A Load Controller 0-10V / Plug Load | Model: C-T20-17-DJ00



Specification

- AC Input Voltage - 100-277VAC | 50/60Hz
- Output Relay - 100-277VAC | 50/60Hz | 20 Amps Max
- Operating Temperature - 4° to 122°F (-20° to 50°C)
- Wire Range - 12 - 18 AWG Wire
- Dimensions - 3.25" x 2.17" x 1.22"

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Typical maximum distance:

<u>Outdoor (line of sight):</u>	200ft
<u>Indoor (through building material):</u>	
Glass:	100ft
Drywall:	70ft
Cinderblock:	60ft
Brick:	50ft
Concrete + rebar	0ft

Devices with external antenna should have the antenna outside any metal box and away from metal surfaces as metal reduces connectivity.

For design purposes a 60ft. maximum distance is appropriate for most installations.

Description

The Load Controller is a wireless Bluetooth NLC device that controls via Bluetooth any ON/OFF and/or 0-10V load up to 20 Amps. It can be installed outside of J-boxes through the standard opening according to electrical codes. It can control a single or multiple AC devices connected together.

Operation

The C-T20-17-DJ00 Load Controller operates on 100-277V. Once powered up, the device broadcasts its identification code waiting to be provisioned through the BubblyNet App.

Features

- Simple to Install
- Does Not Require a Gateway

Certification



Relay Ratings

Load Type	100-277VAC Signal Converter with 20A Relay, SR-BL2421-SVVT
AC General Use	20A@120-277VAC
Resistive	20A120VAC 20A277VAC
Inductive	10A@120-277VAC
Capacitive	8A@120-277VAC
Motor	0.5HP@120VAC 1 HP@240VAC