

GFTR2-W



20 Amp, Self Test, Tamper-Resistant Slim GFCI Outlet with LED Indicator Light

20 Amp, 125 Volt Receptacle/Outlet, 20 Amp Feed-Through, Tamper-Resistant, Self-test SmartlockPro Slim GFCI, Monochromatic, Residential/Commercial applications, back and side wired, nylon wallplate/faceplate, screws and self grounding clip included - White

- SAFE – Delivers continuous ground fault protection
- SELF TESTING – Automatically self-tests to ensure it can respond to ground fault
- SIMPLE – Status indicator light provides simple, intuitive feedback
- COMPATIBLE – Device designed to improve immunity for reduced HF nuisance tripping
- Now available in bulk pack - white color only

Color :  White

UPC Code : 078477497364

Country Of Origin : China

NEMA :  5-20R

Available Colors :



Technical Information

AC Horsepower Ratings

At Rated Voltage : 1 HP

Dielectric Voltage :
Withstands 1250VAC per UL 943 and CSA-C22.2 No. 144.1-06

Short Circuit Current Rating :
10KA

Temperature Rise : Max 30C after 100 cycles OL at 150 percent rated current

Environmental Specifications

Body Material : Polycarbonate

Clamps : Brass

Face Material : Thermoplastic

Grounding Screw : Plated Steel

Line Contacts : Brass Triple-Wipe

Notes : w/ Wallplate

Operating Temperature : -35C to +66C

Terminal Screws : Plated Steel

Yoke : Zinc-Plated Steel

Electrical Specifications

Dielectric Voltage :
Withstands 1250VAC per UL 943 and CSA-C22.2 No. 144.1-06

Flammability : Rated V-2 per UL 94

Operating Temperature : -35C to +66C

Short Circuit Current Rating :
10KA

Temperature Rise : Max 30C after 100 cycles OL at 150 percent rated current

Material Specifications

Body Material : Polycarbonate

Clamps : Brass

Face Material : Thermoplastic

Grounding Screw : Plated Steel

Line Contacts : Brass Triple-Wipe

Notes : w/ Wallplate

Product ID : Ratings are permanently marked on device

Terminal Accom. : 14-10 AWG

Terminal ID : Brass-Hot, Green-Ground, Silver-Neutral

Terminal Screws : Plated Steel

Yoke : Zinc-Plated Steel

Mechanical Specifications

Amperage : 20 A

Body Material : Polycarbonate

Brand : SmartlockPro

Color : White

Face Material : Thermoplastic

Feature : Self-Test

Fed Spec WC-596 : Yes

Grade : Residential
/Commercial Specification
Grade

Grounding : Self Grounding

NEMA : 5-20R

Pole : 2

Product ID : Ratings are
permanently marked on device

Screw Terminal Torque : 14-
18 in-lbs

Standards and Certifications
: UL/CSA, NEMA WD6, NEMA
WD1

Strap Material : Galvanized
Steel

Tamper Resistant : Yes

Terminal Accom. : 14-10 AWG

Terminal ID : Brass-Hot,
Green-Ground, Silver-Neutral

Termination : Back & Side

Trip Level : Class A, 5mA plus
or minus 1mA

Type : Standard

Voltage : 125 VAC

Warranty : 2-Year Limited

Wire : 3

Standards and Certifications

ANSI : C-73

CSA C22.2 No. 42 : Yes

CSA-C22.2 No. 144.1-06 : File
LR-57811

Fed Spec WC-596 : Yes

MIL-SPEC : A-A-55459-SB

NOM : Yes

Product Features

Amperage : 20 A

At Rated Voltage : 1 HP

Brand : SmartlockPro

Color : White

Feature : Self-Test

Fed Spec WC-596 : Yes

Grade : Residential
/Commercial Specification
Grade

Grounding : Self Grounding

NEMA : 5-20R

Pole : 2

Standards and Certifications
: UL/CSA, NEMA WD6, NEMA
WD1

Strap Material : Galvanized
Steel

Tamper Resistant : Yes

Termination : Back & Side

Trip Level : Class A, 5mA plus
or minus 1mA

Type : Standard

Voltage : 125 VAC

Wallplate : Included

Warranty : 2-Year Limited

Wire : 3

UL 943 : File E48380

UL498 : Yes

Features and Benefits

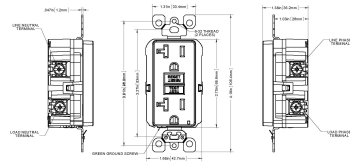
- Provides continuous ground fault protection – detects and trips on actual ground fault even when self-test is being conducted
- On initial power up, tests the GFCI within 3 seconds
- Auto-monitoring exceeds the UL requirement
- Auto adapts and shifts to more frequent testing if potential problem is detected
- Status Indicator Light provides simple, intuitive feedback on power and protection status as well as indication of line/load reversal
- Patented Lockout Action prevents reset if GFCI is damaged and cannot respond to a ground fault
- Electronics are designed to minimize any false triggers
- Reduced depth makes it easier to install in any electrical box, even shallow ones
- Terminals allow for easy wiring options – back and side wire capable
- External back wire clamps provide visual indication of proper wire seating
- Withstands high torque and resists wire pullout
- Standard brass self-grounding clip
- Trip threshold meets or exceeds UL requirements for tripping time
- Improved immunity to high-frequency noise reduces nuisance tripping
- Advanced electronics design provides superior resistance to electrical surges and over-voltages
- Compatible with all Decora devices and wallplates; available in select Decora colors
- UL Fed Spec WC-596 rated

Patents *

CA2621644	CA2624409
CA2677283	CA2730014
MX302458	MX308495
MX344697	US10483066
US11349293	US11456138
US11831139	US7355117
US7697252	US7820909
US7868719	US8242362
US8587914	US8599522
US8944859	US9053886
US9276393	

This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

Dimensional Drawing



Leviton Manufacturing Co., Inc

201 North Service Road, Melville, NY 11747

Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.
T. Monday-Friday): +1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-461-2002 ·
FAX: +1-800-824-3005 ·

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)
5386- 1797 ·

Visit our Website at: www.leviton.com

© 2025 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without
notice.

Leviton has a global presence.

If you would like to know where your local Leviton office is located please go to:
www.leviton.com/company/about-leviton/locations

© 2025 Leviton Manufacturing Co., Inc.