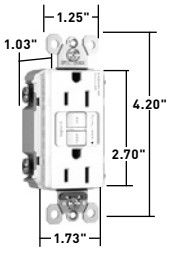
GFCIs

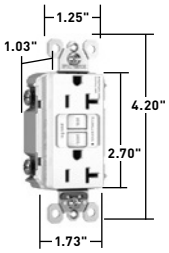
radiant® Specification Grade Self-Test GFCI Receptacles with SafeLock® Protection

2 Pole, 3 Wire Grounding 15 & 20A, 125VAC

the radiant® collection



1597W



2097W

The radiant® collection is a step up from the standard with simple, classic options in wiring devices, home automation controls, and screwless wall plates that complement today's homes and hospitality settings.

Features

- Part of the radiant® collection of wiring devices, wall plates and home systems.
- Conducts an automatic test every three seconds, ensuring it's always ready to protect. If the device fails the test, the indicator light flashes to signal that the GFCI should be replaced. It also has our proven SafeLock Protection feature: if critical components are damaged and protection is lost, power to the receptacle is disconnected.
- Thinner than competitors' GFCI Receptacles: leaves more room for wires in the box.
- Auto-Ground clip assures a positive ground to metal box.
- Feed-thru wiring configuration allows GFCI to protect downstream receptacles.
- Prevents line-load reversal miswire: no power to the face or downstream receptacles if wired incorrectly.
- Exceeds UL943 voltage surge requirements.
- FSUL Listed (Federal Specification WC596).
- Trip indicator light (red LED).
- Side or internal screw-pressure-plate back wire with #10 – #14 AWG solid or stranded copper wire.
- Two back wire holes per terminal.
- Ground screw has a back wire clamp for easy installation.
- 10kA short circuit rating.
- Mounting screws are shipped captive in the device and wall plate for easier installation.
- High-impact-resistant thermoplastic construction.
- Extra-long strap.
- Button colors match the device face.
- Dual-direction test and reset buttons.
- Class A rated GFCI.
- Supplied with matching TP26 nylon wall plate.
- Tri-drive screws.

Specifications

- Supply Voltage: 125VAC, 60 Hz
- Supply Voltage Range: 102-132 VAC
- Trio Threshold: 5± 1mA
- Trip Time: 0.025 sec., nominal per UL Standard
- 20 Amp feed-thru capacity

CATALOG NUMBER	RATING A.	RATING VAC	COLOR	NEMA CONFIG. NO.	3rd PARTY COMPLIANCE UL943 C22.2 No. 144	3rd PARTY COMPLIANCE UL498 C22.2 No. 42	3rd PARTY COMPLIANCE FSUL WC596
RADIANT® SPEC GRADE 15 AMP DUPLEX GFCI							
1597I	15	125	Ivory	5-15R	•	•	•
1597W	15	125	White	5-15R	•	•	•
1597	15	125	Brown	5-15R	•	•	•
1597GRY	15	125	Gray	5-15R	•	•	•
1597BK	15	125	Black	5-15R	•	•	•
1597RED	15	125	Red	5-15R	•	•	•
1597LA	15	125	Light Almond	5-15R	•	•	•
RADIANT® SPECIFICATION GRADE 20 AMP DUPLEX GFCI							
2097I	20	125	Ivory	5-20R	•	•	•
2097W	20	125	White	5-20R	•	•	•
2097	20	125	Brown	5-20R	•	•	•
2097GRY	20	125	Gray	5-20R	•	•	•
2097BK	20	125	Black	5-20R	•	•	•
2097RED	20	125	Red	5-20R	•	•	•
2097LA	20	125	Light Almond	5-20R	•	•	•

NEMA 5-15R

NEMA 5-20R

All devices listed on this page conform to NEMA WD-1 and WD-6.

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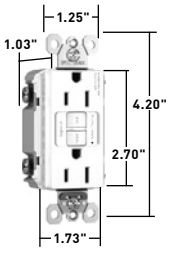
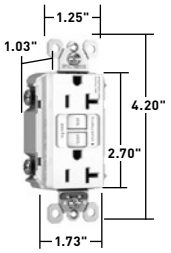


1597W



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- Supply Voltage Range: 102-132 VAC
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CATALOG NUMBER	RATING A.	RATING VAC	COLOR	NEMA CONFIG. NO.	3rd PARTY COMPLIANCE UL943 C22.2 No. 144	UL498 C22.2 No. 42	FSUL WC596
RADIANT® SPEC GRADE 15 AMP DUPLEX GFCI							
1597I	15	125	Ivory	5-15R	•	•	•
1597W	15	125	White	5-15R	•	•	•
1597	15	125	Brown	5-15R	•	•	•
1597GRY	15	125	Gray	5-15R	•	•	•
1597BK	15	125	Black	5-15R	•	•	•
1597RED	15	125	Red	5-15R	•	•	•
1597LA	15	125	Light Almond	5-15R	•	•	•
RADIANT® SPECIFICATION GRADE 20 AMP DUPLEX GFCI							
2097I	20	125	Ivory	5-20R	•	•	•
2097W	20	125	White	5-20R	•	•	•
2097	20	125	Brown	5-20R	•	•	•
2097GRY	20	125	Gray	5-20R	•	•	•
2097BK	20	125	Black	5-20R	•	•	•
2097RED	20	125	Red	5-20R	•	•	•
2097LA	20	125	Light Almond	5-20R	•	•	•

NEMA 5-15R

NEMA 5-20R

All devices listed on this page conform to NEMA WD-1 and WD-6.

TECHNICAL SPECIFICATIONS

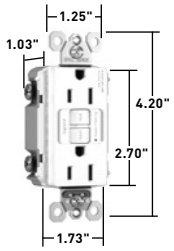
radiant® & Specification Grade Self-Test GFCI Receptacles 2 Pole, 3 Wire Grounding
15 & 20A, 125VAC

Typical Specifications

Manufacturer's Identification: Pass & Seymour® 1597
Description: Straight Blade Duplex Self-Test GFCI Receptacle
Type: 2 Pole, 3 Wire Grounding
Rating: 20A, 125VAC Feed Thru; 15 or 20A, 125VAC Face
3rd Party Compliance: cULus Listed, File Number E42190; Standard UL498, Attachment Plugs and Receptacles UL943 GFCIs. Federal Specification WC596. Standard CSA-C22.2 No. 42, General Use Receptacles, CSA-C22.2 No. 144 GFCIs. Conforms to NEMA WD-1 and WD-6.

CATALOG NUMBER	COLOR	RATING	NEMA CONFIG. NO.
❒ **1597I**	Ivory	15A 125VAC	5-15R
❒ **1597W**	White	15A 125VAC	5-15R
❒ **1597**	Brown	15A 125VAC	5-15R
❒ **1597GRY**	Gray	15A 125VAC	5-15R
❒ **1597BK**	Black	15A 125VAC	5-15R
❒ **1597RED**	Red	15A 125VAC	5-15R
❒ **1597LA**	Light Almond	15A 125VAC	5-15R

CATALOG NUMBER	COLOR	RATING	NEMA CONFIG. NO.
❒ **2097I**	Ivory	20A 125VAC	5-20R
❒ **2097W**	White	20A 125VAC	5-20R
❒ **2097**	Brown	20A 125VAC	5-20R
❒ **2097GRY**	Gray	20A 125VAC	5-20R
❒ **2097BK**	Black	20A 125VAC	5-20R
❒ **2097RED**	Red	20A 125VAC	5-20R
❒ **2097LA**	Light Almond	20A 125VAC	5-20R



Dimensions for 15 & 20 Amp

NEMA 5-15R

NEMA 5-20R

Performance

Electrical

Dielectric:	Withstands 1500V minimum
Trip Level:	4 to 6 mA
Trip Time:	.025 Second Nominal
Frequency:	60 Hz
Voltage:	125VAC
Voltage Range:	102-132VAC

Mechanical

Indicator Light (LED):	Red, ON when GFCI is tripped
Terminal Identification:	Terminals identified in accordance with UL498 (Hot, White, Green)
Terminal Accommodation:	#14 – #10 AWG solid or stranded copper conductor only
Product Identification:	Ratings are a permanent part of device

Environmental

Operating Temperature:	-35°C to +66°C
Maximum Humidity:	95%
Flammability:	UL94 V2

Materials

Face:	Nylon
Body:	Nylon
Contacts:	.03" Brass (.8)
Mounting Strap:	.05" Zinc-Plated Steel (1.3)
Terminal Screws:	Steel #8 - 32
Hex Head Grounding Screw:	Steel (Green)
Flat Head Mounting Screws:	Zinc-Plated Steel
Test/Reset Buttons:	Nylon
Auto-Ground Clip:	Brass Alloy C260

Project
Location/Type