

High Interrupting Capacity GFCI

Safety, plus more! Introducing the only GFCI receptacle that tests itself! Every 60 seconds the device performs a diagnostic test on its circuitry offering a comprehensive approach to testing. Reverse wire safety feature assures the unit cannot be reset under a reversed wiring condition. This device meets the UL943 performance requirements and can be included with most interfaces offered by Grace Engineered Products!

Grace Engineered Products is a pioneer in electrical safety and data port interfaces. Our speciality is customizing every Graceport® to fit your precise application. We offer thousands of combinations of interfaces and add more everyday! All orders are custom made and ship within 3-5 days of receiving the order.

Features

- ▶ 10 KA Short Circuit Rating
- ▶ Meets New UL943 Requirement when Reverse Wired AND for "end of use" indication
- ▶ Superior Surge Immunity
- ▶ Whole System Test Functionality
- ▶ Flashing RED for Immediate Indication of unit has lost GFCI Protection, Diagnostic Feature, Continuous Function, Electronic Sensing and Testing
- ▶ Ground Fault Indicator when Red Steady On

Self-Test

GFCI Receptacle

Part Numbers

<u>NEMA 1</u>	H-XX-K1-K10
<u>NEMA 4X</u>	H-XX-K2-K10
<u>NEMA 12/4</u>	H-XX-K3-K10

⚠ INSTALLATION

GracePorts® are intended to be mounted in or on an enclosure product. Installation should be performed by a qualified technician and adhere to applicable regulatory codes. These devices are for mounting on the flat surface of enclosures having the same type environmental ratings.

All installations:

- 1) Cut panel opening and mount GracePort® assembly to enclosure with gasket.
- 2) Connect low voltage interface wiring according to documentation provided with unit.

On units configured for optional AC power:

- 1) Connect outlet device as per code. *Note: It is the responsibility of the installer to ensure adequate separation of high and low voltage circuits in the end-use product.*
- 2) Ensure that the metal housing is reliably grounded using grounding means provided.

SPECIFICATIONS: ELECTRICAL

Low voltage (data), limited to 30 VDC
 High voltage supply (for computer use only)
 120 VAC, 15A (UL), 5A (CSA)
 230-240 VAC, 16A (CE only)

Voltage: 125V AC
 GFCI Amperage: 20A
 Trip Level: 4-6 mA
 Trip Time: 0.025 seconds

Frequency: 60Hz
 Voltage Range: 120V AC +10% - 15%
 GFCI Amperage Range: 20A
 Max humidity: 0.95

SPECIFICATIONS: MECHANICAL

Housing: Cast aluminum base
 Latch: Type 304 Stainless Steel (1CR18NI19)
 Cover: Polycarbonate, UV rated, V-O Flame rated
 Gasket: Thermoplastic elastomer
 Insert Material: Acrylic UL94HB

APPROVALS

UL RECOGNIZED: E207344 Type 4, 4X, 12
CSA: LR110845 (not for interrupting circuit)
CE: EN61010/EN60950 (Foreign Power Outlets)

Operating Temp.: -30 to 150 Degrees F (-30 to 66 Degrees C)
 Receptacle Version: Self-Test Series Receptacle
 Receptacle Grade: Commercial Grade
 Maximum Interrupting Capacity: 10,000 Amps



Note: Terminal Accommodations: #14-10 AWG stranded or solid copper conductors only. Ground Fault Circuit Interrupters (GFCI) should not be used in critical care patient areas or for electrical life support equipment.

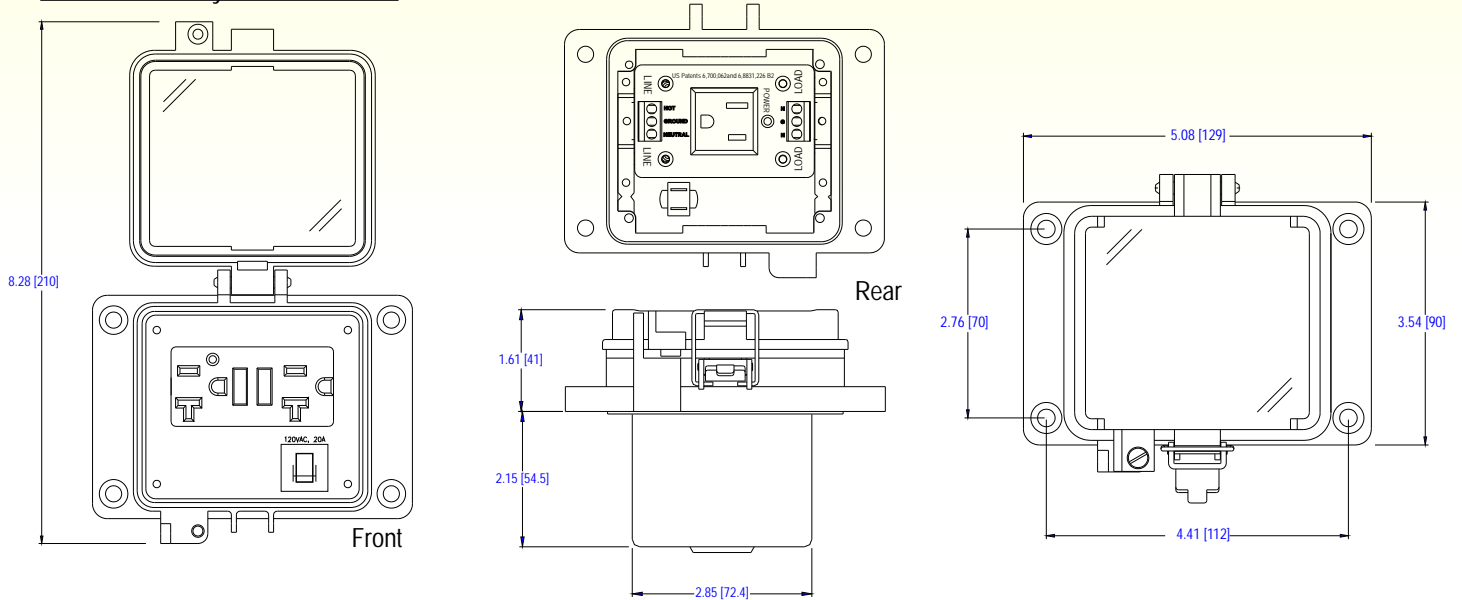
Note: Codes and Standards: Meets UL 943 Class A GFCI's and UL 498 for Receptacles. Complies to NEC, CEC, and OSHA. UL file E-41978, CSA File LR-24886



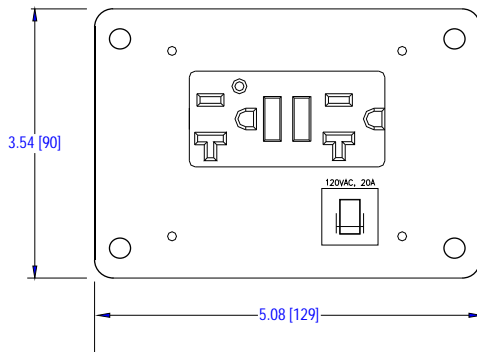
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For Additional Information Please Visit www.graceport.com

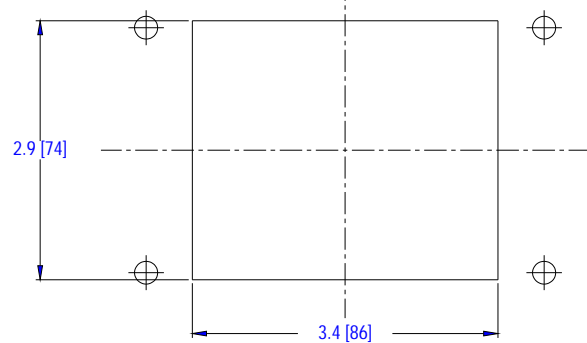
Nema 12/4-Gray/Nema 4X-Black



H-RF20-K1 Nema 1 Plate



Panel Cutout (Nema 1,12/4,4X)



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- 2) Ensure that the metal housing is reliably grounded using grounding means provided.

SPECIFICATIONS: MECHANICAL

Housing: Cast aluminum base
 Latch: Type 304 Stainless Steel (1CR18NI19)
 Clear Housing Cover: Polycarbonate, V-O & UV rating
 Inside-Outlet® Gray Shroud: V-O Flame Rating
 Gasket: Thermoplastic elastomer
 Insert Material: Acrylic UL94HB

APPROVALS

UL: Recognized: E207344 Type 4 (Gray), 4X(Black), IP-65 (Outdoor Use)
 CSA: LR110845

