SMARTPLUG®.com
Innovations in Power Delivery

Marine

PRODUCT CATALOGUE **2020**

SAFE   **SIMPLE**   **SECURE**

ABOUT OUR COMPANY

SmartPlug Systems is a privately held manufacturing firm specializing in power delivery systems. It was founded in 2007 and is located in Seattle, WA. Its flagship product, the SmartPlug, is a patented device positioned to replace the current power delivery system for RV's, Boats, and a variety of specialty vehicles and miscellaneous industrial applications.

Headquarters

SmartPlug Systems, LLC

2500 Westlake Avenue North, Suite G

Seattle, WA 98109-2262

Phone - (206) 285-2990

Fax - (206) 285-2981

www.SmartPlug.com

OUR COMMITMENT TO OUR CUSTOMERS

Safety Solving Age-Old Problems to Protect Your Family and Your Property

Quality Providing the Highest Quality Parts, Incorporating the Latest Technology, Made in the USA

Service Our Culture is to Build Long-Term Business Relationships through Exceptional Customer Service

OUR VISION

To improve industry safety and performance standards for recreational and commercial marine power delivery systems.
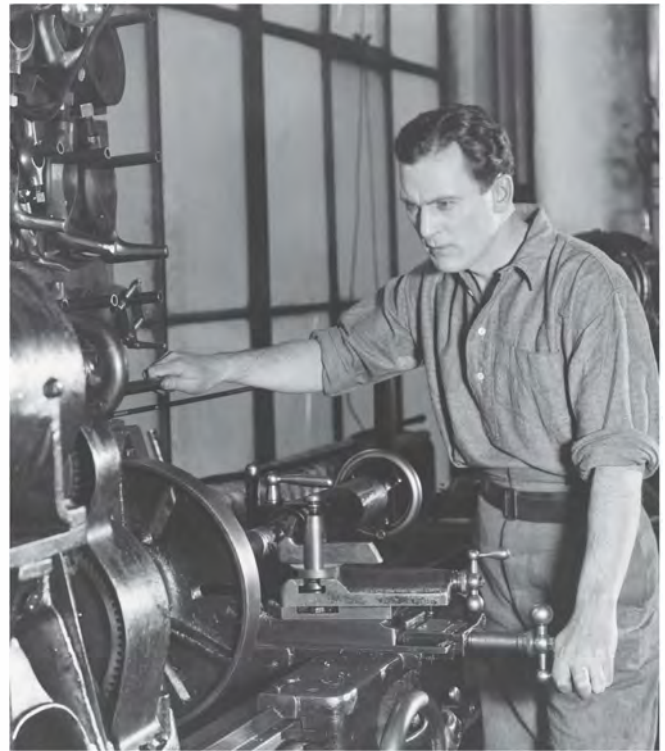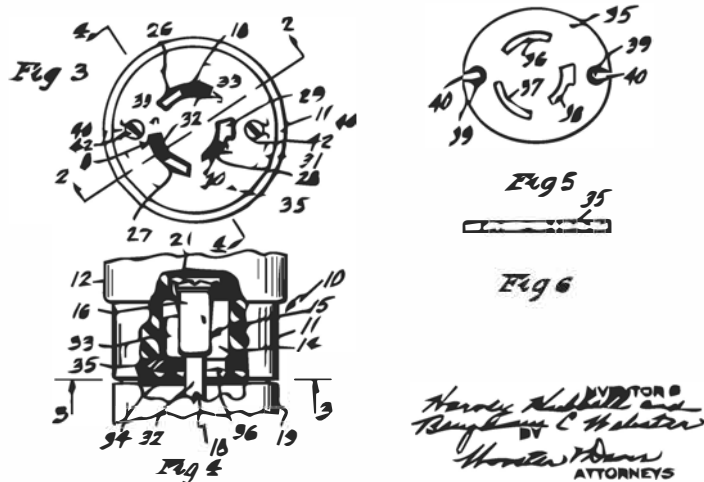
CATALOGUE CONTENTS

Innovations in Power Delivery

Contrary to popular belief, the **#1 cause of shore power failure and fires** is not electrical shorting, but rather **overheating caused by poor electrical conductivity.**

DID YOU KNOW?

Shore power delivery systems have remained virtually unchanged since they first came out in 1938.

THE PROBLEM WITH THE ORIGINAL SYSTEM:

The shape of electrical pins allows for very little contact area, and the pins themselves are also largely responsible for bearing any physical stress placed on the cord (from constant movement of the boat, someone tripping on the cord, etc.). This results in the pins working loose, further lessening the precious little contact area they had to begin with. Furthermore, such loose connections allow for moisture intrusion and ultimately corrosion of the pins. Arcing occurs and the connection heats up, scorches, and in some cases, catches fire. Because the current draw is unchanged, all of this happens long before a breaker or a GFCI can cut the power. Additionally, the old design can be very difficult to use in low light or hard-to-reach scenarios since the "L" shaped pin must first be located and then oriented before connection.

TWIST-TYPE PRODUCTS - DESIGN FLAWS

LEGACY L5-30 / 30A Twist-type Pin & Clip

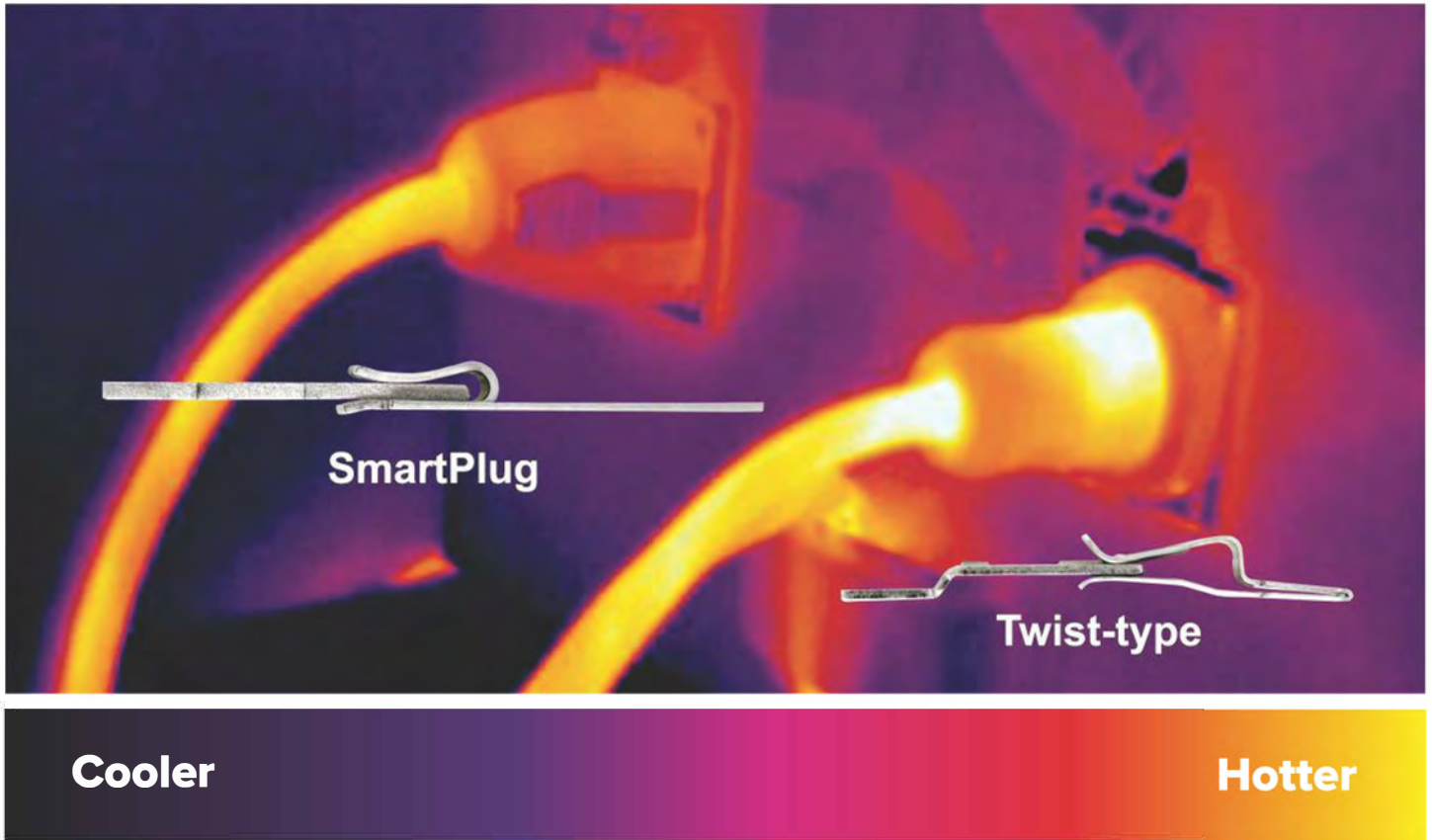» **Curved Electrical Pin & Clips / Difficult to Align / Limited Contact Area**
Pin contact affected by cord weight & movement / Reduces contact area / Creates heat

» **Visible Gap Between Body of Plug & Inlet Housing**
Allow moisture intrusion which creates corrosion, arcing & heat buildup

» **Not Weather Proof - Legacy Design Does Not Include Gasket Systems**
Results in corrosion which is a major cause of overheating

SAFER - MORE METAL CONTACT ELIMINATES OVERHEATING

SmartPlug

Twist-type

Cooler

Hotter

SmartPlug 30 amp

Over 20X The Contact Area!

- Back of Pin = 16.4mm X 8.5mm = 139.4 sq mm
- Front of Pin = 6mm X 8.5mm = 51 sq mm

Total Contact Area = 190.4 sq mm

30 Amp Twist Type

30A Twist Lock – Surface Contact Area

- Back of Pin = 1.3mm X 2.7mm = 3.51 sq mm
- Front of Pin = 1.3mm X 2.4mm = 3.12 sq mm

Total Contact area with dimple locked in place = 6.63 sq mm

SAFE   SIMPLE   SECURE

NO TWISTING! - SELF CLEANING PUSH-IN DESIGN

30 AMP INLET & PLUG FEATURES

LED POWER INDICATOR
Two blue LEDs illuminate to indicate an active power source.

LOCKING FEATURE
Dual locking side levers snap into sides of inlet housing.

WEATHERPROOF
Face gasket seals.

LOCKING FEATURE
Inlet cover snaps onto back of connector.

EASY INSTALLATION
Industry standard hole pattern fits your existing inlet hole pattern.

ELECTRICAL PINS
Straight pins with 20X surface area. No twisting required!

CONNECTOR BODY SHAPE
Sleeve design fits snugly within inlet, removing all tension from pins & clips.

WEATHERPROOF
Face gasket seals against inlet sleeve to eliminate dirt & moisture exposure on electrical pins.

EASE OF USE
Unique plug body shape only goes in the right way! Easy to orient with no misalignment - even in the dark! Pushes straight in & locks automatically.

STEP 2

STEP 4

www.SmartPlug.com

16 AMP - EURO PRODUCTS

Description

SmartPlug's 16A, inlets provide more metal-to-metal electrical contact area. These inlets have 20 times the metal surface contact area than twist-type inlets. Increased contact area reduces the overheating conditions that are common with twist-type products. The solid sleeve connection and weather resistant seals make SmartPlug inlets a much safer option. The mounting flange holes match the industry standard pattern. Our inlets can easily be installed in minutes using the same screws and holes of the existing inlet. The inlets are available in stainless steel and three non-metallic colors, (White, Gray & Black). All non-metal components are made from high performance flame resistant materials.

16 AMP INLETS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BM16NT	16 Amp / 230V Inlet / Male Boat Side Connector	Stainless Steel	Stainless
BM16PW	16 Amp / 230V Inlet / Male Boat Side Connector	Non-Metallic	White
BM16PG	16 Amp / 230V Inlet / Male Boat Side Connector	Non-Metallic	Gray
BM16PB	16 Amp / 230V Inlet / Male Boat Side Connector	Non-Metallic	Black

Description

The 16A retro-fit connector offers superior performance and ease of use. SmartPlug's connector is designed to install on your current cordset. You simply cut off the boat end plug on your cord and strip the wire sheathing to expose fresh wire. The wires are inserted into the color coded wire guides and tightened. A mechanical cord restraint secures the plug onto the cord. The dual stainless steel side levers are spring loaded which automatically lock when pushed into the inlet. The top of the plug has a catch that is used as an additional locking point when used with the stainless inlet.

16 AMP CONNECTOR

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BF16	16 Amp / 230V SmartPlug Female Cord End Connector	Non-Metallic	Orange

16 AMP COMBO KITS

Description

SmartPlug 16A Combo Kits are easily installed using existing holes and screws. The connector is designed to be used with your existing cord. These products offer superior performance and ease of use. The kits are available in stainless steel and three non-metallic colors, (White, Gray or Black). All non-metallic materials are high-performance and flame resistant materials.

PART NUMBER	DESCRIPTION	INLET		CONNECTOR	
		MATERIAL	COLOR	MATERIAL	COLOR
B16ASSYNT	16 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Stainless Steel	Stainless	Non-Metallic	Orange
B16ASSYPW	16 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Non-Metallic	White	Non-Metallic	Orange
B16ASSYPG	16 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Non-Metallic	Gray	Non-Metallic	Orange
B16ASSYPB	16 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Non-Metallic	Black	Non-Metallic	Orange

16 AMP HARMONIZED CORDS
Single Configuration - 16 Amp / 230V Harmonized Cord - Female Connector w/ Open End

PART NUMBER	DESCRIPTION	LENGTH	COLOR	BOAT SIDE	DOCKSIDE
C16123	16 Amp / 230V Cord - 16A SmartPlug Female Connector X Open End	12.5M	Orange	16A SmartPlug	Open End
C16153	16 Amp / 230V Cord - 16A SmartPlug Female Connector X Open End	15.5M	Orange	16A SmartPlug	Open End
C16253	16 Amp / 230V Cord - 16A SmartPlug Female Connector X Open End	25M	Orange	16A SmartPlug	Open End

32 AMP - EURO PRODUCTS

32 AMP INLETS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BM32S	32 Amp / 230V Inlet / Male Boat Side Inlet	Stainless Steel	Stainless
BM32PW	32 Amp / 230V Inlet / Male Boat Side Inlet	Non-Metallic	White
BM32PG	32 Amp / 230V Inlet / Male Boat Side Inlet	Non-Metallic	Gray
BM32PB	32 Amp / 230V Inlet / Male Boat Side Inlet	Non-Metallic	Black

32 AMP CONNECTORS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BF32	32A / 230V / SmartPlug Female Cord End Connector	Non-Metallic	Orange

32 AMP COMBO KITS

		INLET		CONNECTOR	
PART NUMBER	DESCRIPTION	MATERIAL	COLOR	MATERIAL	COLOR
B32ASSY	32 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Stainless Steel	Stainless	Non-Metallic	Orange
B32ASSYPW	32 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Non-Metallic	White	Non-Metallic	Orange
B32ASSYPG	32 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Non-Metallic	Gray	Non-Metallic	Orange
B32ASSYPB	32 Amp / 230V Inlet Male - Boat Side Inlet and Female Cord End Connector	Non-Metallic	Black	Non-Metallic	Orange

32 AMP HARMONIZED CORDS

Single Configuration - 32A / 230V Cord - 32A SmartPlug Female Connector X Open End

PART NUMBER	DESCRIPTION	LENGTH	COLOR	BOAT SIDE	DOCKSIDE
C32153	32A / 230V Cord - 32A SmartPlug Female Boat Side Connector X Open End	15M	Orange	32A SmartPlug	Open End
C32253	32A / 230V Cord - 32A SmartPlug Female Boat Side Connector X Open End	25M	Orange	32A SmartPlug	Open End

www.SmartPlug.com

15 AMP - US

15 AMP CORDS
Dual Configuration - 15Amp /125VAC Cordset - (15A STD Male Wall Plug x 30A SmartPlug Female Connector)

PART NUMBER	DESCRIPTION	LENGTH	COLOR	BOAT SIDE	DOCKSIDE
C15043	15 Amp / 125V Cord - 30A SmartPlug Female Connector X 15A Wall Plug	4ft	Orange	30A SmartPlug	15A Wall Plug
C15253	15 Amp / 125V Cord - 30A SmartPlug Female Connector X 15A Wall Plug	25ft	Orange	30A SmartPlug	15A Wall Plug
C15503	15 Amp / 125V Cord - 30A SmartPlug Female Connector X 15A Wall Plug	50ft	Orange	30A SmartPlug	15A Wall Plug

30 AMP - US PRODUCTS

30 AMP INLETS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BM30NT	30A / 125V Male Boat Side Inlet	Stainless Steel	Stainless
BM30PW	30A / 125V Male Boat Side Inlet	Non-metallic	White
BM30PG	30A / 125V Male Boat Side Inlet	Non-metallic	Gray
BM30PB	30A / 125V Male Boat Side Inlet	Non-metallic	Black

30 AMP CONNECTORS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BF30	30A / 125V / SmartPlug Female Cord End Connector	Non-Metallic	Orange

30 AMP COMBO KITS

PART NUMBER	DESCRIPTION	INLET		CONNECTOR	
		MATERIAL	COLOR	MATERIAL	COLOR
B30ASSYNT	30 Amp / 125V Inlet Male - Boat Side Connector and Female Cord End Connector	Stainless Steel	Stainless	Non-Metallic	Orange
B30ASSYPW	30 Amp / 125V Inlet Male - Boat Side Connector and Female Cord End Connector	Non-Metallic	White	Non-Metallic	Orange
B30ASSYPG	30 Amp / 125V Inlet Male - Boat Side Connector and Female Cord End Connector	Non-Metallic	Gray	Non-Metallic	Orange
B30ASSYPB	30 Amp / 125V Inlet Male - Boat Side Connector and Female Cord End Connector	Non-Metallic	Black	Non-Metallic	Orange

30 AMP CORDS
Dual Configuration - 30 Amp / 125V Cord / SmartPlug Female
Boat Side Connector w/ Dockside Twist-type Male Connector

PART NUMBER	DESCRIPTION	LENGTH	COLOR	BOAT SIDE	DOCKSIDE
C30253	30A / 125V Cordset - 30A SmartPlug Female Boat Side Connector 30A / 125V - Twist-type Dockside Male Connector	25ft	Orange	30A SmartPlug	30A Twist-type
C30503	30A / 125V Cordset - 30A SmartPlug Female Boat Side Connector 30A / 125V - Twist-type Dockside Male Connector	50ft	Orange	30A SmartPlug	30A Twist-type

30 AMP COMBO / CORDS & INLETS
Dual Configuration - 30A / 125V Cordset - 30A SmartPlug Female
Boat Side Connector & 30A Twist-type Male Dockside Connector
& 30A Male Boat Side Inlet

| PART NUMBER | DESCRIPTION | CORDSET | | | | INLET | |
		LENGTH	COLOR	BOAT SIDE	DOCKSIDE	MATERIAL	COLOR
C30503BM30NT	30A / 125V Cordset / 30A SmartPlug Female Boat Side Connector & 30A Twist-type Male Dockside Connector & 30A Stainless Steel Inlet	50ft	Orange	30A SmartPlug	30A Twist-type	Stainless Steel	Stainless
C30503BM30PW	30A / 125V Cordset / 30A SmartPlug Female Boat Side Connector & 30A Twist-type Male Dockside Connector & 30A Non-metallic White Inlet	50ft	Orange	30A SmartPlug	30A Twist-type	Non-Metallic	White
C30503BM30PG	30A / 125V Cordset / 30A SmartPlug Female Boat Side Connector & 30A Twist-type Male Dockside Connector & 30A Non-metallic Gray Inlet	50ft	Orange	30A SmartPlug	30A Twist-type	Non-Metallic	Gray
C30503BM30PB	30A / 125V Cordset / 30A SmartPlug Female Boat Side Connector & 30A Twist-type Male Dockside Connector & 30A Non-metallic Black Inlet	50ft	Orange	30A SmartPlug	30A Twist-type	Non-Metallic	Black

Innovations in Power Delivery

15

50 AMP - US PRODUCTS

50 AMP INLETS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BM50S	50A / 125/250V Male Boat Side Inlet	Stainless Steel	Stainless
BM50PW	50A / 125/250V Male Boat Side Inlet	Non-metallic	White
BM50PG	50A / 125/250V Male Boat Side Inlet	Non-metallic	Gray
BM50PB	50A / 125/250V Male Boat Side Inlet	Non-metallic	Black

50 AMP CONNECTORS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
BF50	50A / 125/250V / SmartPlug Female Cord End Connector	Non-Metallic	Orange

50 AMP COMBO KITS

PART NUMBER	DESCRIPTION	INLET		CONNECTOR	
		MATERIAL	COLOR	MATERIAL	COLOR
B50ASSY	50 Amp / 125/250V Inlet Male - Boat Side Connector and Female Cord End Connector	Stainless Steel	Stainless	Non-Metallic	Orange
B50ASSYPW	50 Amp / 125/250V Inlet Male - Boat Side Connector and Female Cord End Connector	Non-Metallic	White	Non-Metallic	Orange
B50ASSYPG	50 Amp / 125/250V Inlet Male - Boat Side Connector and Female Cord End Connector	Non-Metallic	Gray	Non-Metallic	Orange
B50ASSYPB	50 Amp / 125/250V Inlet Male - Boat Side Connector and Female Cord End Connector	Non-Metallic	Black	Non-Metallic	Orange

50 AMP CORDS
Dual Configuration - 50 Amp / 125/250V SmartPlug Female Boat Side
& 50 Amp Twist-type Male 125/250V Dockside

PART NUMBER	DESCRIPTION	LENGTH	COLOR	BOAT SIDE	DOCKSIDE
C50254	50A / 125/250V Cord - SmartPlug Female Boat Side X 50A Male Twist-type Dockside Connector	25ft	Orange	50A SmartPlug	50A Twist-type
C50504	50A / 125/250V Cord - SmartPlug Female Boat Side X 50A Male Twist-type Dockside Connector	50ft	Orange	50A SmartPlug	50A Twist-type

50 AMP REEL REPLACEMENT CORDS
Single Configuration - 50 Amp 125/250V Male Twist-type x Open End

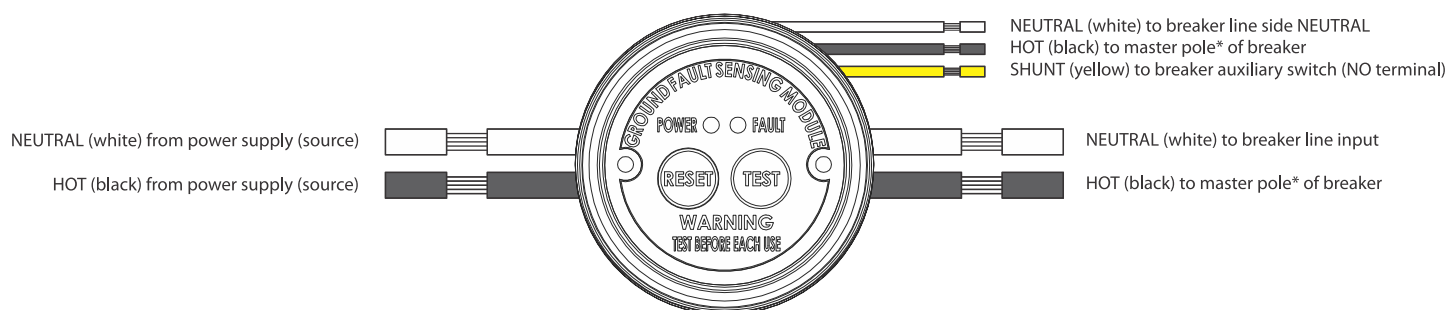| PART NUMBER	DESCRIPTION	LENGTH	COLOR	BOAT SIDE	DOCKSIDE
C50254R	50A / 125/250V Cord - Open End Boat Side X 50A Male Twist-type Dockside Connector	25ft	Orange	Open End	50A Twist-type
C50504R	50A / 125/250V Cord - Open End Boat Side X 50A Male Twist-type Dockside Connector	50ft	Orange	Open End	50A Twist-type

Description

The LineGard™ PGFM product family provides ELCI (equipment leakage) ground fault sensing and is designed and manufactured by North Shore Safety, a leader in innovative safety products. The PGFM series operates in tandem with an Airpax™ LEL series, UL 489 listed circuit breaker, with shunt trip and auxiliary switch manufactured by Sensata Technologies.

The **combined assembly** of the PGFM and an Airpax™ breaker meets the requirements of ABYC E-11 for ground fault protection and main shore power circuit protection. The PGFM constantly monitors the current balance of the conductors (wires / cables) supplying power to the load. When a ground fault of 27mA nominal (30 mA max) occurs, the PGFM uses the LEL's shunt trip coil to signal the breaker to trip.

FEATURES

- Power and fault status indicators
- Provides identification of a ground fault vs. short circuit trip
- Chemical and UV resistant enclosure
- Trip level of sensing device < 30mA (27mA nominal) at trip time of < 100mS (60mS nominal) per E-11

- Protection range and operating voltage: 0 - 50 Amps, 120 VAC, 120/240 VAC
- Unit operating temperature is -35°C to +66°C
- Accommodates up to 3 wires, 6 AWG, with no twisting of the wires required

WIRING DIAGRAM (120 VAC APPLICATION)

NEUTRAL (white) from power supply (source)
HOT (black) from power supply (source)

GROUND FAULT SENSING MODULE
POWER ○ ○ FAULT
RESET   TEST
WARNING
TEST BEFORE EACH USE

NEUTRAL (white) to breaker line side NEUTRAL
HOT (black) to master pole* of breaker
SHUNT (yellow) to breaker auxiliary switch (NO terminal)

NEUTRAL (white) to breaker line input
HOT (black) to master pole* of breaker

AIRPAX™ LEL & IDLNK SERIES CIRCUIT BREAKER RATINGS (PER UL489)				
Voltage	Current	Frequency	Short Circuit	Poles
125VAC	0.05 to 50 amps	50/60 Hz	5,000 amps	1 to 3
120/240VAC	.05 to 50 amps	50/60 Hz	5,000 amps	2 to 3

LINEGARD™ PGFM SERIES ELCI SPECIFICATIONS	
Salt Fog (Corrosion)	ASTM B117
Shock	33CFR183.534 - modified to supply 5,000 shocks @ 25G, instead of test standard of 1,000 shocks
Vibration	MIL-STD-810 (random vibe 4G RMS), IEC6945 (sine sweep 5 to 100Hz for low frequency)
Ignition Protection	SAE J1171 (UL1500)

SENSORS - 30A / 50A

BREAKERS - 30A / 50A

STAINLESS COMBO KITS - ELCI SENSOR / BREAKER

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
ELCIBRKR30SS	Combo Kit - ELCI Sensor & 30A Breaker / Stainless Steel	Stainless Steel	Stainless
ELCIBRKR50SS	Combo Kit - ELCI Sensor & 50A Breaker / Stainless Steel	Stainless Steel	Stainless

WHITE NON-METALLIC COMBO KITS - ELCI SENSOR / BREAKER

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
ELCIBRKR30PW	Combo Kit - ELCI Sensor & 30A Breaker / White Non-metallic	High Performance / Flame Resistant	White
ELCIBRKR50PW	Combo Kit - ELCI Sensor & 50A Breaker / White Non-metallic	High Performance / Flame Resistant	White

INDIVIDUAL COMPONENTS - STAINLESS STEEL / ELCI SENSOR / BREAKERS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
ELCISENSORSS	30 Amp / 50 Amp - ELCI Sensor - Stainless Steel	Stainless Steel	Stainless
ELCI30BRKERSS	30 Amp Breaker - Stainless Steel	Stainless Steel	Stainless
ELCI50BRKERSS	50 Amp Breaker - Stainless Steel	Stainless Steel	Stainless

INDIVIDUAL COMPONENTS - NON-METALLIC / ELCI SENSOR / BREAKERS

PART NUMBER	DESCRIPTION	MATERIAL	COLOR
ELCISENSORNMW	30 Amp / 50 Amp - ELCI Sensor - White Non-Metallic	High Performance / Flame Resistant	White
ELCI30BRKERNMW	30 Amp Breaker - White Non-Metallic	High Performance / Flame Resistant	White
ELCI50BRKERNMW	50 Amp Breaker - White Non-Metallic	High Performance / Flame Resistant	White

SERVICE KITS SERVICE AND GASKET KITS

Description

SmartPlug's service kits provide all of the electrical components, hardware, and gaskets required to replace or repair our products. These kits even include a small amount of dish soap for the installation of new connector ends (boat side). The inlet kits also include a small Torx driver to remove the four screws from the mounting flange. Service kits that require wire connections, include the allen wrench for attaching the wires to the color coded wire guides in the inlets and connectors.

FEMALE CONNECTOR / ELECTRICAL

SERVICE KITS / FOR BF16, BF30, BF32 & BF50 PRODUCTS

PART NUMBER	DESCRIPTION
PKF16	Service Kit - 16 Amp / 230V - SmartPlug BF16 Female Connector
PKF32	Service Kit - 32 Amp / 230V - SmartPlug BF32 Female Connector
PKF30	Service Kit - 30 Amp / 125V - SmartPlug BF30 Female Connector
PKF50	Service Kit - 50 Amp / 125/250V - SmartPlug BF50 Female Connector

MALE INLET CONNECTOR / ELECTRICAL

SERVICE KITS / FOR BM16NT, BM30NT, BM32S, BM50S PRODUCTS

PART NUMBER	DESCRIPTION
PKM16	Service Kit - 16 Amp / 230V - SmartPlug BM16 Male Inlet
PKM32	Service Kit - 32 Amp / 230V - SmartPlug BM32 Male Inlet
PKM30	Service Kit - 30 Amp / 125V - SmartPlug BM30 Male Inlet
PKM50	Service Kit - 50 Amp / 125/250V - SmartPlug BM50 Male Inlet

www.SmartPlug.com

FEMALE CONNECTOR / GASKETS

GASKET KITS / REPLACES GASKETS FOR BF16, BF30, BF32 & BF50 PRODUCTS

PART NUMBER	DESCRIPTION
PKF16G	Gasket Kit - 16 Amp / 230V - SmartPlug BF16 Female Connector
PKF32G	Gasket Kit - 32 Amp / 230V - SmartPlug BF32 Female Connector
PKF30G	Gasket Kit - 30 Amp / 125V - SmartPlug BF30 Female Connector
PKF50G	Gasket Kit - 50 Amp / 125/250V - SmartPlug BF50 Female Connector

MALE INLET / GASKETS

GASKET KITS / REPLACES GASKETS FOR BM16, BM30, BM32 & BM50 PRODUCTS

PART NUMBER	DESCRIPTION
PKMGKT	Gasket Kit - Fits All SmartPlug Male Including Stainless & Non-metallic Inlets

PHONE / TV / CABLE / INTERNET DATA PORTS

DATA PORTS / COAX / TV / ETHERNET

Description

SmartPlug's Data Port products are the perfect complement to our stainless shore power inlets. These products offer the same look and quality marine grade stainless steel. They are available in coax cable, ethernet and mixed combinations.

PART NUMBER	DESCRIPTION	INLET COLOR
BDCOAX	Single - TV / COAX Connector - Stainless Steel	Stainless Steel
BDCOAXCC	Double - TV / COAX Connector - Stainless Steel	Stainless Steel
BDETH	Single - Ethernet Cable Connector - Stainless Steel	Stainless Steel
BDCOAXEC	Combo - TV / COAX Connector & Ethernet Cable Connector	Stainless Steel

ACCESSORIES

16A, 30A, 32A, 50A - WEATHER CAP

Description

The SmartPlug Weather Resistant Cover (A1001) protects SmartPlug shore power connectors (16A, 30A, 32A, 50A) from moisture when not in use. Weathercaps come with a convenient lanyard for tethering the Weatherproof Cover to the cordset.

PART NUMBER
A1001

30 AMP - 25' & 50' CARRY BAG

Description

SmartPlug's nylon cordset bag provides a convenient way to transport and store your cordset. The cordset bag includes handles and a zipper for easy use.

PART NUMBER
CB1001

"We installed SmartPlug on our trawler about a year ago. We hated the original 50 amp plug – Karen was never able to wrestle it onto the boat connector and it always felt a bit unstable. The installation was simple. The whole thing took about an hour with the "help" of our two dogs.

Now after having it for a year and traveling about 6,000 miles along the Great Loop, we've used it at a hundred marinas. It has been exceptional. It's easy to use (even for Karen) and we feel safer having a much better product onboard for such a critical connection. The design is fantastic – well done, SmartPlug. You get five stars from us! "

Karen & Jefrey Siegel
MV aCappella
Developers of ActiveCaptain

"Have had Smartplugs on my boat for 2 years since i purchased the boat, were installed 6 years prior. They are awesome! Have heavy draws at dock, in excess of 27 amps for 30 minutes in winter, and 28 plus amps 12-20 hours a day in summer from AC units. Smartplugs rule! Totally kill the other plugs, which I am having to replace just about every year on the other end of the cable! Just got off the phone with Terry at Smartplug, and he was very nice and quickly shipped me out a new gasket set. Highly recommend this solution for power!"

Charles M. Green IV

"As the Technical Director at BoatUS for almost 30 years, one of my responsibilities was to read through insurance claims to find out why accidents occur on boats and how they might have been prevented."

These were reported in Seaworthy, the BoatUS marine insurance damage avoidance publication. One of the more troubling findings I encountered was the surprising number of onboard fires at a boat's AC shore power inlet. The reason for the fires was well known by fire investigators. Instead of being securely bolted like a house connection, boats have to rely on a sliding plug that, over time, tends to wear and corrode. This results in a looser connection that generates excessive heat and causes fires. The latter have destroyed hundreds of boats and even entire marinas.

While at an industry trade show I came across a common-sense solution: the aptly-named SmartPlug. By locking the shore-power cord securely, SmartPlug creates a much tighter connection between the shore power cord and the boat's AC inlet. It is my hope that these locking plugs will become the new standard for bringing AC electricity aboard recreational boats. It's a solution that is long overdue."

Bob Adriance
Technical Director at BoatUS Marine Insurance (retired)

Ready to Purchase a SmartPlug or Accessory?
Go to our website to find a dealer near you!
www.SmartPlug.com/dealers

SmartPlug®.com
Innovations in Power Delivery

Marine

PRODUCT CATALOGUE **2020**

SAFE   SIMPLE   SECURE