Programmable Inrush Breaker Switch IP 69K / 20A / 120A Inrush / 8 prg Amp

Features

- ► Electrical Rating 1 Channel 20A, 2 Channels 10A max.
- ▶ 8 programmable Amp positions: 3,5,6,7.5,10,15,20,0.
- ► Easy setup the breaker current by press and hold the button.
- ► Inrush Protection, our switch hold 120Amp Inrush for 120us before fault mode trips!
- ► Stainless Steel SS316 Body and IP69K Waterproof Rating.
- ▶ Protection from Salt Spray (Fog) Test (EN ISO 9227-17).
- ► 20g Bump Shock Test Approved.
- Switch meet Flammability Rating UL 94 V2 and All material will be non-flammable or will be 105°C spec.
- ► When the pump is running, the LED turns red automatically

Specification

8 programmable Amp3, 5, 6, 7.5, 10, 15, 20, 0Trips current>3.6, 6, 7.2, 9, 12, 18, 22IlluminatedBlue,Green,Red,Yellow, Purple, White LEDVoltage Rating9VDC ~ 24 VDCCurrent Rating20A 12VDC, 80A Surge (200 ms)Reverse Polarity Protection24 VDCInitial Contact Resistance≤ 10 mΩOverload Protection≥120A, Flashing white LEDOutputs do not functionSwitch is reset by press buttonMechanical Life50,000 CyclesElectrical Life Contact10,000 CyclesResistance Insulation50 MΩ MaximumResistance1000 MΩ MiminumDielectric Strength2,000 VACOperate Storage Temp-20°C ~ +55°CTravel1.50mmMoistrue ProtectionIP69KContact MaterialSilver AlloyActuation Force4 NPanel Thickness1-6mmMounting Nut Torque5-14NmConstruction MaterialBody MaterialStainless Steel SS316Lens MaterialPC material rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CDeutsch Recommended Part#Large socket0462-203-12141Small socket0462-209-16141Dummy Plug14017-ZZ							
Illuminated	8 programmable Amp	3, 5, 6, 7.5, 10, 15, 20, 0					
Voltage RatingPurple, White LEDVoltage Rating9VDC ~ 24 VDCCurrent Rating20A 12VDC, 80A Surge (200 ms)Reverse Polarity Protection24 VDCInitial Contact Resistance≤ 10 mΩOverload Protection≥120A, Flashing white LEDOutputs do not function5witch is reset by press buttonMechanical Life50,000 CyclesElectrical Life Contact10,000 CyclesResistance Insulation50 MΩ MaximumResistance1000 MΩ MiminumDielectric Strength2,000 VACOperate Storage Temp-20°C ~ +55°CTravel1.50mmMoistrue ProtectionIP69KContact MaterialSilver AlloyActuation Force4 NPanel Thickness1-6mmMounting Nut Torque5-14NmConstruction MaterialBody MaterialStainless Steel SS316Lens MaterialPC material rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CDeutsch Recommended Part#Large socket0462-203-12141Small socket0462-209-16141	Trips current	>3.6, 6, 7.2, 9, 12, 18, 22					
Current Rating 20A 12VDC, 80A Surge (200 ms) Reverse Polarity Protection 24 VDC Initial Contact Resistance ≤ 10 mΩ Overload Protection ≥120A, Flashing white LED Outputs do not function Switch is reset by press button Mechanical Life 50,000 Cycles Electrical Life Contact 10,000 Cycles Resistance Insulation 50 MΩ Maximum Resistance 1000 MΩ Miminum Dielectric Strength 2,000 VAC Operate Storage Temp -20°C ~ +55°C Travel 1.50mm Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Illuminated						
Reverse Polarity Protection Initial Contact Resistance ≤ 10 mΩ Overload Protection Switch is reset by press button Mechanical Life 50,000 Cycles Electrical Life Contact 10,000 Cycles Resistance Insulation 50 MΩ Maximum Resistance 1000 MΩ Miminum Dielectric Strength 2,000 VAC Operate Storage Temp -20°C ~ +55°C Travel 1.50mm Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-209-16141	Voltage Rating	9VDC ~ 24 VDC					
Initial Contact Resistance Overload Protection Switch is reset by press button Mechanical Life Electrical Life Contact Resistance Insulation Tool MΩ Maximum Resistance Tool MΩ Maximum Resistance Tool MΩ Miminum Dielectric Strength Travel Travel Travel Travel Travel Thickness Tonact Material Thickness Tool MΩ Construction Material Body Material Body Material Body Material Body Material Body Material Body Material Construction Material Body Material Body Material Body Material Construction Material Body Material Construction Material Body Material Body Material Construction Material Body Material Body Material Body Material Construction Material Body Material Body Material Body Material Body Material Body Material Construction Material Body Material Body Material Body Material Construction Material Body Material	Current Rating	20A 12VDC, 80A Surge (200 ms)					
Overload Protection Switch is reset by press button Mechanical Life 50,000 Cycles Electrical Life Contact Resistance Insulation Bielectric Strength Operate Storage Temp Travel Travel Moistrue Protection Contact Material Actuation Force Panel Thickness Mounting Nut Torque Construction Material Body Material Body Material Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket	Reverse Polarity Protection	24 VDC					
Outputs do not functionSwitch is reset by press buttonMechanical Life50,000 CyclesElectrical Life Contact10,000 CyclesResistance Insulation50 MΩ MaximumResistance1000 MΩ MiminumDielectric Strength2,000 VACOperate Storage Temp-20°C ~ +55°CTravel1.50mmMoistrue ProtectionIP69KContact MaterialSilver AlloyActuation Force4 NPanel Thickness1-6mmMounting Nut Torque5-14NmConstruction MaterialBody MaterialStainless Steel SS316Lens MaterialPC material rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CDeutsch Recommended Part#Large socket0462-203-12141Small socket0462-209-16141	Initial Contact Resistance	≤ 10 mΩ					
Mechanical LifeSwitch is reset by press buttonElectrical Life Contact10,000 CyclesResistance Insulation50 MΩ MaximumResistance1000 MΩ MiminumDielectric Strength2,000 VACOperate Storage Temp-20°C ~ +55°CTravel1.50mmMoistrue ProtectionIP69KContact MaterialSilver AlloyActuation Force4 NPanel Thickness1-6mmMounting Nut Torque5-14NmConstruction MaterialBody MaterialStainless Steel SS316Lens MaterialPC material rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CDeutsch Recommended Part#Large socket0462-203-12141Small socket0462-209-16141							
Mechanical Life50,000 CyclesElectrical Life Contact10,000 CyclesResistance Insulation50 MΩ MaximumResistance1000 MΩ MiminumDielectric Strength2,000 VACOperate Storage Temp-20°C ~ +55°CTravel1.50mmMoistrue ProtectionIP69KContact MaterialSilver AlloyActuation Force4 NPanel Thickness1-6mmMounting Nut Torque5-14NmConstruction MaterialBody MaterialStainless Steel SS316Lens MaterialPC material rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CDeutsch Recommended Part#Large socket0462-203-12141Small socket0462-209-16141	Overload Protection	Outputs do not function					
Electrical Life Contact10,000 CyclesResistance Insulation50 MΩ MaximumResistance1000 MΩ MiminumDielectric Strength2,000 VACOperate Storage Temp-20°C ~ +55°CTravel1.50mmMoistrue ProtectionIP69KContact MaterialSilver AlloyActuation Force4 NPanel Thickness1-6mmMounting Nut Torque5-14NmConstruction MaterialBody MaterialStainless Steel SS316Lens MaterialPC material rated to 105°CSwitch Plug & DongleNylon 6 rated to 105°CDeutsch Recommended Part#Large socket0462-203-12141Small socket0462-209-16141		Switch is reset by press button					
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Resistance 1000 MΩ Miminum Dielectric Strength 2,000 VAC Operate Storage Temp -20°C ~ +55°C Travel 1.50mm Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Electrical Life Contact	10,000 Cycles					
Dielectric Strength 2,000 VAC Operate Storage Temp -20°C ~ +55°C Travel 1.50mm Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Resistance Insulation	50 MΩ Maximum					
Operate Storage Temp -20°C ~ +55°C Travel 1.50mm Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Resistance	1000 MΩ Miminum					
Travel 1.50mm Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Dielectric Strength	•					
Moistrue Protection IP69K Contact Material Silver Alloy Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Operate Storage Temp	-20°C ~ +55°C					
Contact Material Silver Alloy Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Travel	1.50mm					
Actuation Force 4 N Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Moistrue Protection	IP69K					
Panel Thickness 1-6mm Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Contact Material	Silver Alloy					
Mounting Nut Torque 5-14Nm Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Actuation Force	4 N					
Construction Material Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Panel Thickness	1-6mm					
Body Material Stainless Steel SS316 Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Mounting Nut Torque	5-14Nm					
Lens Material PC material rated to 105°C Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Cons	truction Material					
Switch Plug & Dongle Nylon 6 rated to 105°C Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141							
Deutsch Recommended Part# Large socket 0462-203-12141 Small socket 0462-209-16141	Lens Material	PC material rated to 105°C					
Large socket 0462-203-12141 Small socket 0462-209-16141	Switch Plug & Dongle	Nylon 6 rated to 105°C					
Small socket 0462-209-16141	Deutsch Recommended Part#						
		0462-203-12141					
Dummy Plug 14017-ZZ		0462-209-16141					
	Dummy Plug	14017-ZZ					

Part No.

Function	Parts No.	Off	2nd On	Rear Mark
		1st On	3rd On	Page
Off-On	9060-1113	(Blue)	X /	3
011-011	9000-1113	Red	/ X	Red dot
Off -(On)	9060-2113	(Blue)	X	3
011-(011)	9000-2113	Red	X	Green dot
Nav/Anc	9060-3114	(Blue)	Red	4
Nav/And	9000-3114	Green	X	White dot
Off-On-On	9060-3113	(Blue)	Red	4
011-011-011	9000-3113	Green	X	Blue dot
Off-On-On-Both	0060-3115	(Blue)	Red	5
011-011-011-0011	9000-3113	Green	Yellow	Yellow dot
Off-(On)-(On)	9060-2123	(Blue)	Red	5
	9000-2123	Green	X	Green dot
BW DT	9053-3914	5 pin Doute	ch Connect	O.K
Connector	7033-3914	bili Deuts	cii connect	UI CONTRACTOR OF THE PROPERTY
Dummy Plug	114017-77	for DT Con	nector	
.,	114017-22	101 21 011		

Replaceable Push Button Actuator

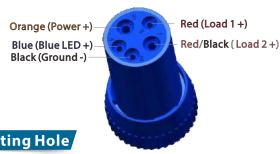
Style	Parts No.
Full Translucent	9451-1001
SS Ring	9451-1002
SS Ring (Black)	9451-1003
SS Ring (Titanium)	9451-1004
Laser Logo(Blank)	9451-1005
Laser Logo (Red)	9451-1019
Laser Logo(Cust) Custom Text	9451-0001~

Standard Legend Imprinting Code: 6 7

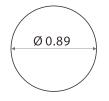


Programmable Inrush Breaker Switch IP 69K / 20A / 120A Inrush / 8 prg Amp

Recommended Wiring



Mounting Hole



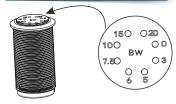
Black 16awg	Ground -
Blue 16awg	Blue LED +12Vdc
Red 14awg	Load1+12Vdc
Orange 14awg	Power +12Vdc
Red/Black 14awg	Load2 +12Vdc

Size Diagram 0.04" Ø0.87" Ø0.093" Switch Plug Ø0.062" Ø0.787<u>"</u>

WARNING

- Dummy plugs required in Bluewater DT connectors for all non-wired (empty) pin locations.
- Failure to include dummy plug in non-wired (empty) pin locations in Bluewater DT Connector voids water tight rating and warranty.
- See part number for dummy plugs on page one.
- Wire sizes must meet minimum OD requirements listed on page one. Failure to meet the OD requirements voids water-tight rating and warranty
- Only use Bluewater DT connector, other connector will cause damage & void warranty.

Program the switch



Program Actuator

- ▶ 8 programmable Amperage positions
- ► Set breaker: 3,5,6,7.5,10,15,20 Amps
- Set breaker to "0": non breaker

► Suitble for: 9060-1113, 9060-3114, 9060-3113 and 9060-3115



At OFF position, push and hold the button in about 3 or 4 seconds it will flash once and then in a few more seconds it will flash twice, release the button and you are in program mode.

► Suitble for: 9060-2113 and 9060-2123

At OFF position, short push the button for 7 times, at 8th times push and hold the button in about 3 or 4 seconds, it will flash once and then in a few more seconds it will flash twice, release the button and you are in program mode.

Program Mode: Amp Setting



When in program mode it will show the amperage setting of the switch,

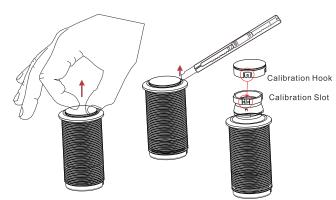
To change the amperage, push the switch in and it switches to the next highest amp setting.

When you reach the desired amp setting, push in the button and hold it in until it flashes blue and you are now set at the new amperage

If you want to change this amp setting just repeat this process to program mode and change the amperage setting of the switch

. 20A) 22 for 18 Trip Current 120% (110% 12 7.2 Trip Time in 0.5~4 Seconds 3.6 5 6 7.5 10 Set Current

Replacing Actuator



- TRIP: The load current greater than set current 120% (110% for 20A set current), the breaker switch will trip in 0.5 to 4 seconds.
 - Switch flash PURPLE showing it has been tripped.
- ► RESET: Switch is reset by cycling through OFF position. .



9060-1113

Operation

- Press turns on the device (LED turns Red).
- Press turns off the device (LED turns Blue)



Laser Etched Actuator in Daytime Mode LED light is off.



Laser Etched Actuator in **Nightime Mode** The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position.



Laser Ftched Actuator in On Mode The Red LED lets you know that the device is on.



Laser Etched Actuator in Inrush Protection Mode

LED Flashing White. Inrush Load Upto 120Amp, LED Flashing White, output does not funstion, Switch is reset by Press Button.

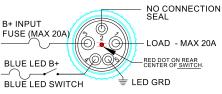


Laser Etched Actuator in **Breaker Mode** LED Flashing Purple.

Switch Trip while Load Current greater than 120% (110% 20Amp) set current , Switch is reset by Press Button .

REAR PLUG VIEW

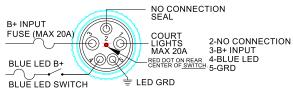
OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4. 1ST PUSH - LIGHTS RED [LOAD 1 ON] 2ND PUSH - OFF



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

COURTESY LIGHTS EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4. 1ST PUSH - LIGHTS RED [COURT LTS ON] 2ND PUSH - OFF



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

9060-2113 Off - (On) -[1 M ON ON] - [OFF] BLU/RED

Operation

- Press and hold the button to turns on the device (LED turns Red).
- Release the button to turns off the device (LED turns Blue)



Laser Etched Actuator in Daytime Mode LED light is off.



Laser Etched Actuator in Nightime Mode The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position.



Laser Etched Actuator in On Mode The Red LED lets you know that the device is on.



Laser Etched Actuator in Inrush Protection Mode LED Flashing White. Inrush Load Upto 120Amp, LED Flashing White, output does not

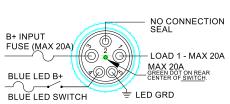
funstion, Switch is reset by Press Button.



Laser Etched Actuator in Breaker Mode LED Flashing Purple. Switch Trip while Load Current greater than 120% (110% 20Amp) set current, Switch is reset by Press Button.

REAR PLUG VIEW

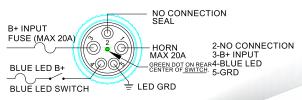
OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4. MOM PUSH - LIGHTS RED [LOAD 1 MOM ON] RELEASE - OFF



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 4, 5 ARE DEUTCH DP [SMALL] FEM TERM POS 2 SEAL

HORN EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4. MOM PUSH - LIGHTS RED [HORN ON] RELEASE OFF



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

9060-3114 Nav/Anc Switch OFF-[1 & 2 ON]-[2 ON & 1 OFF]

Operation

- Press turns on the Navigation & Anchor lights (LED turns Green).
- Press leaves Anchor light on and turns off Navigation light (LED turns Red)
- Press turns off Anchor light (LED turns Blue)



Laser Etched Actuator in Daytime Mode LED liaht is off.

Laser Etched Actuator in **Nightime Mode** The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position.



Laser Etched Actuator in Nav/Anc Mode The Green LED lets you know that the Nav and Anchor switches are in on position.



Laser Etched Actuator in Anchor Mode The Red LED lets you know that the Anchor switch is on .



Laser Etched Actuator in Inrush Protection Mode LED Flashing White.

Inrush Load Upto 120Amp, LED Flashing White, outputs do not funstion, Switch is reset by Press Button.



Laser Etched Actuator in Breaker Mode

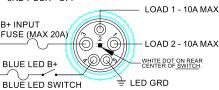
LED Flashina Purple.

Switch Trip while Load Current greater than 120% (110% 20Amp) set current, Switch is reset by Press Button.

REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4. 1ST PUSH - LIGHTS GREEN [BOTH 1 & 2 LOADS ON] 2ND PUSH - LIGHTS RED [ONLY LOAD 2 ON]

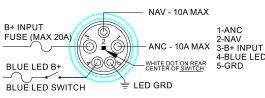
3RD PUSH - OFF



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

NAV/ANC EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4. 1ST PUSH - LIGHTS GREEN [BOTH NAV & ANC LOADS ON] 2ND PUSH LIGHTS RED [ONLY ANC LOAD ON]



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM



Operation

- Press turns on Load 1 (LED turns Green).
- Press turns on Load 2 (LED turns Red)
- Press turns off Load 2 & 1 (LED turns Blue)



Laser Etched Actuator in Daytime Mode

LED light is off.

Laser Etched Actuator in Nightime Mode The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position.



Laser Etched Actuator in **Load 1 Mode** The Green LED lets you know that the Load 1 device is in on position.



Laser Etched Actuator in Load 2 Mode The Red LED lets you know that the Load 2 deivce is on position.



Laser Etched Actuator in Inrush Protection Mode LED Flashing White.

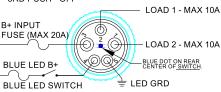
Inrush Load Upto 120Amp, LED Flashing White, outputs do not funstion, Switch is reset by Press Button.



Laser Etched Actuator in Breaker Mode LED Flashing Purple. Switch Trip while Load Current greater than 120% (110% 20Amp) set current, Switch is reset by Press Button.

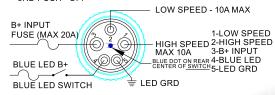
REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4 1ST PUSH - LIGHTS GREEN [LOAD 1 ON 2 OFF] 2ND PUSH - LIGHTS RED [LOAD 2 ON 1 OFF] 3RD PUSH - OFF



2 SPEED WIPER EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4. 1ST PUSH - LIGHTS GREEN [LOW ON, HIGH OFF] 2ND PUSH - LIGHTS RED [HIGH ON, LOW OFF] 3RD PUSH - OFF



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

9060-3115

Operation

- Press turns on Load 1 (LED turns Green).
- Press turns on Load 2 (LED turns Red)
- Pres turns on both Load 1 & Load 2 (LED turns Yellow)
- Press turns off Load 2 & 1 (LED turns Blue)



Laser Etched Actuactor in Daytime Mode LED light is off.

Laser Etched Actuactor in **Nightime Mode** The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position.



Laser Etched Actuactor in Load 1 Mode The Green LED lets you know that the Load 1 device is in on position.



Laser Etched Actuactor in Load 2 Mode The Red LED lets you know that the Load 2 deivce is on position.



Laser Etched Actuactor in Both Mode The Yellow LED lets you know that the Load 1 & Load 2 deivces are both on position.



Laser Etched Actuator in Inrush Protection Mode LED Flashing White.

Inrush Load Upto 120Amp, LED Flashing White, outputs do not funstion, Switch is reset by Press Button.

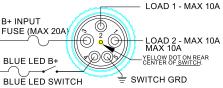


Laser Etched Actuator in Breaker Mode LED Flashing Purple.

Switch Trip while Load Current greater than 120% (110% 20Amp) set current, Switch is reset by Press Button.

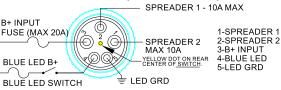
REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4. 1ST PUSH - LIGHTS GREEN [LOAD 1 ON, LOAD 2 OFF] 2ND PUSH - LIGHTS RED [LOAD 2 ON, LOAD 1 OFF] 3RD PUSH - LIGHTS YELLOW [LOAD 1 & 2 ON]



2 LIVEWELL EXAMPLE

OFF CAN BE BLUE BACKLIT - APPLY B+ TO 4. 1ST PUSH - LIGHTS GREEN [LIVEWELL 1 ON, LIVEWELL 2 OFF] 2ND PUSH LIGHTS RED [LIVEWELL 2 ON, LIVEWELL1 OFF] 3RD PUSH LIGHTS YELLOW [LIVEWELL 1 & 2 ON]



POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 2, 4, 5 ARE DEUTCH DP [SMALL] FEM TERM

9060-2123 Dual Momentary

Operation

- Press and hold the button turns on Load 1 (LED turns Green).
- Press and hold the button turns on Load 2 (LED turns Red).
- Release the button to turns off Load 1 & 2 (LED turns Blue)



Laser Etched Actuator in Daytime Mode

LED light is off.

Laser Etched Actuator in Nightime Mode The Blue LED provides great visibility of the function switches and lets you know that the swithes are in off position.



Laser Etched Actuator in Load 1 Mode The Green LED lets you know that the Load 1 device is in on position.



Laser Etched Actuator in Load 2 Mode The Red LED lets you know that the Load 2 deivce is on position.



Laser Etched Actuator in Inrush Protection Mode LED Flashing White.

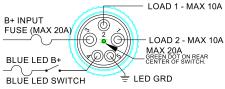
Inrush Load Upto 120Amp, LED Flashing White, outputs do not funstion, Switch is reset by Press Button.



Laser Etched Actuator in Breaker Mode LED Flashing Purple. Switch Trip while Load Current greater than 120% (110% 20Amp) set current. Switch is reset by Press Button.

REAR PLUG VIEW

OFF CAN BE BLUE BACKLIT - APPLY B+ TO TERM 4. MOM 1ST PUSH - LIGHTS GREEN [LOAD 1 MOM ON] MOM 2ND PUSH - LIGHTS RED [LOAD 2 MOM ON] RELEASE - OFF



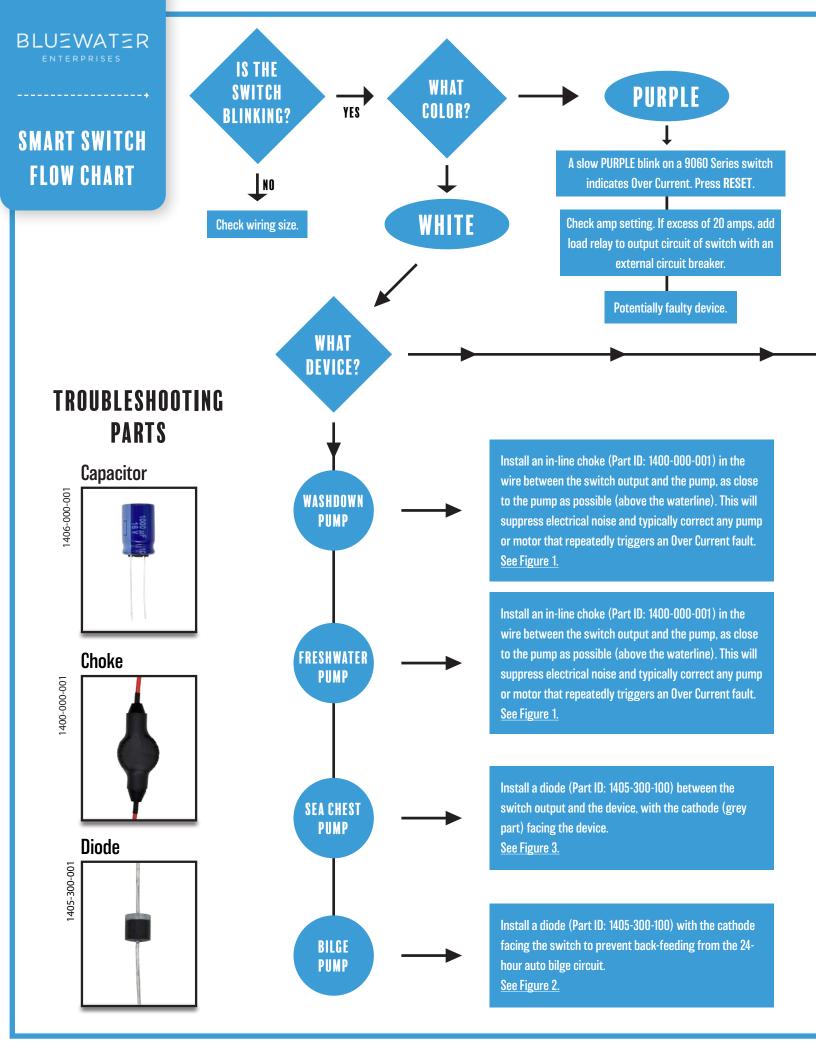
POS 1 & 3 ARE DEUTCH DTP [LARGE] FEM TERM POS 4, 5 ARE DEUTCH DP [SMALL] FEM TERM POS 2 SEAL

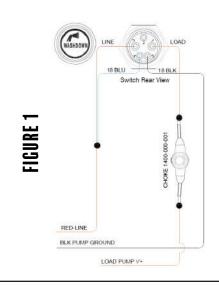
9451-0001 ~0192 Legend Code Custom Text Available

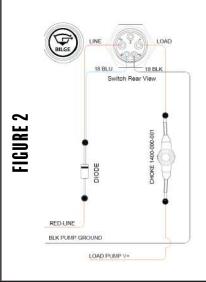
						Custom re	ext Available				
		\(\frac{1}{12}\)		RAW	FRESH	ACC		LIVE		NAV	ANCH
0001	0002	0003	0004 U W	0005 ACC	0006	0007	0008	0009 WPER	0010	0011	9 9 1
0013	0014	0015	0016	0017	0018	0019 FRESH WATER	0020	0021 SPREADER	0022	0023	0024
0025	0026 MAPBLU	0027	0028 SHADE IN	0029 SHADE OUT	0030 WASHDOWN	0031	0032	0033	0034 TOILET ADD WATER	0035	0036
0037	0038	0039	0040	0041	0042 MAP-RED	0043	0044	0045 EXHAUST	0046	0047	0048 SUN ROOF CLOSE
0049	0050	0051 RECIRCULATE AUTO	0052	0053	0054	0055	0056	0057	0058	0059 LIVEWELL AFT	0060 SEAT UP
0061 SEAT DOWN	0062 N' VENT CLOSE	0063	0064	0065	0066	0067	0068 SPREADER FWD	0069	0070	0071	0072
0073 WNDLS PWR	0074	0075 START ENGINE STOP	0076	0077	0078	0079	0080 SLIDE PUMP	0081 UPPER DECK	0082	0083	0084 WINDSHIELD WASH
0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096 SPREADER 1/2
0097	0098	0099 STEP	0100 STEP	0101	0102	0103	0104	0105	0106	0107	0108
0109 F	0110 N	UP 0111 (深	0112	0113	0114	0115	0116	0117	0118	0119	0120 OVERHEAD COURT
BILGE ACCESS 0121	BILGE ACCESS 0122	0123	0124	UVE WELL FWD AFT O 125	0126	0127	O128	0129	ARCH 0130	0131	0132
VENT 0133	0134	0135	0136	0137	0138	0139	0140	0141	0142	0143	0144 DOCKING
FISHBOX PUMPOUT 0145	0146	0147	0148	0149	MAN-GREEN AUTO-RED 0150	ANC RED 0151	0152	PANEL LIGHTS 0153	ROOM LIGHTS 0154	0155	0156
SPREADER LIGHTS 0157	SUNROOF CLOSE 0158	SUNROOF OPEN 0159	O160	BILGE BLOWER 0161	O162	0163	WNDSHLD WASH 0164	DEFOG 0165	WINDLASS ON/OFF 0166	0167	WINDLASS DOWN 0168
PORT VENT OPEN 0169	PORT VENT CLOSE 0170	STBD VENT OPEN 0171	STBD VENT CLOSE 0172	MAST DOWN 0173	MAST UP 0174	PORT OUTRGR IN 0175	PORT OUTRGR OUT 0176	OTTRICE OUTRICE IN OTTA	OTTRIENT OTT	0179	ROD HOLDER 0180
ROD HOLDER 0181	UNDER WATER 0182	UNDER DECK 0183	0184	0185	0186	COURT/ STORAGE 0187	RED/WHITE MAP LT 0188	JACK PLATE 0189	JACK PLATE 0190	0191	○ SYND 0192

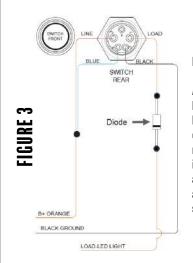
9451-0193 ~0220 Legend Code Custom Text Available

UE LT BARS	PORT BILGE	STBD BILGE 0195	COURT/ COURTESY 0196	MAIN LIVEWELL 0197	MAIN LIVEWELL RECIRC 0198	AFT BILGE	FWD BILGE	FLOOR LIVEWELL 0201	FLOOR LIVEWELL RECIRC 0202	RAW WATER PUMP 0203	FRESH WATER PUMP 0204
FLOOR DISCHRG	TUNA TUBE 0206	25 QT BAITWELL 0207	SPARE 0208	NAV/ANC 0209	DOWN LIGHTS 0210	BOX LIGHTS	LIVEWELL LIGHTS 0212	FWD SPREADER LIGHTS	AFT SPREADER LIGHTS 0214	PORT SPREADER LIGHTS 0215	STBD SPREADER LIGHTS
UNDER GUNNEL LIGHTS	LIGHT	MODE	WIPER	0203	0210	0211	0212	0213	0214	0213	0210
0217	0218	0219	0220								
HORN	HORN										
Bluewater Enterprises LLC * We reserve the right to change specifications at any time without incurring any obligations!											









Bilge Pump Switch Installation

A diode is required on every bilge pump switch to prevent back-feeding and ensure proper operation. A choke is not typically necessary; however, if a choke is required, it should be installed as close to the pump as possible, above the waterline, to effectively suppress noise.

