



SAFETYHUB 250

FUSE BLOCK WITH REMOTE BATTERY SWITCH

COMPLETE DC MAIN ELECTRICAL SYSTEM FOR SINGLE BATTERY BANK BOATS

SAFE

Ignition protected for use on gasoline powered boats

SIMPLE

Reduces the number of wiring connections

COMPACT







Consolidates up to 7 fused circuits

CONVENIENT

Allows battery control from a remote location

SECURE

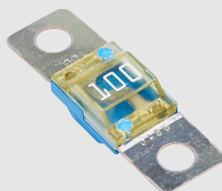
Provides a local switch for emergency shutdown or servicing

-  Battery control from a remote location increases safety and convenience
-  Manual control knob switches high-amp circuits for emergency battery disconnect or servicing
-  Up to three switched 30A–200A AMI® or MIDI® Fuses for high-amp circuits including panel feeds, windlasses, and stereo amplifiers
-  Four 24-hour 1A–20A ATO® or ATC® Fuses for circuits including bilge pumps, alarms, and clock memory
-  Integrated connector plugs eliminate loose wires and provide a secure connection
-  Must be mounted in a dry location

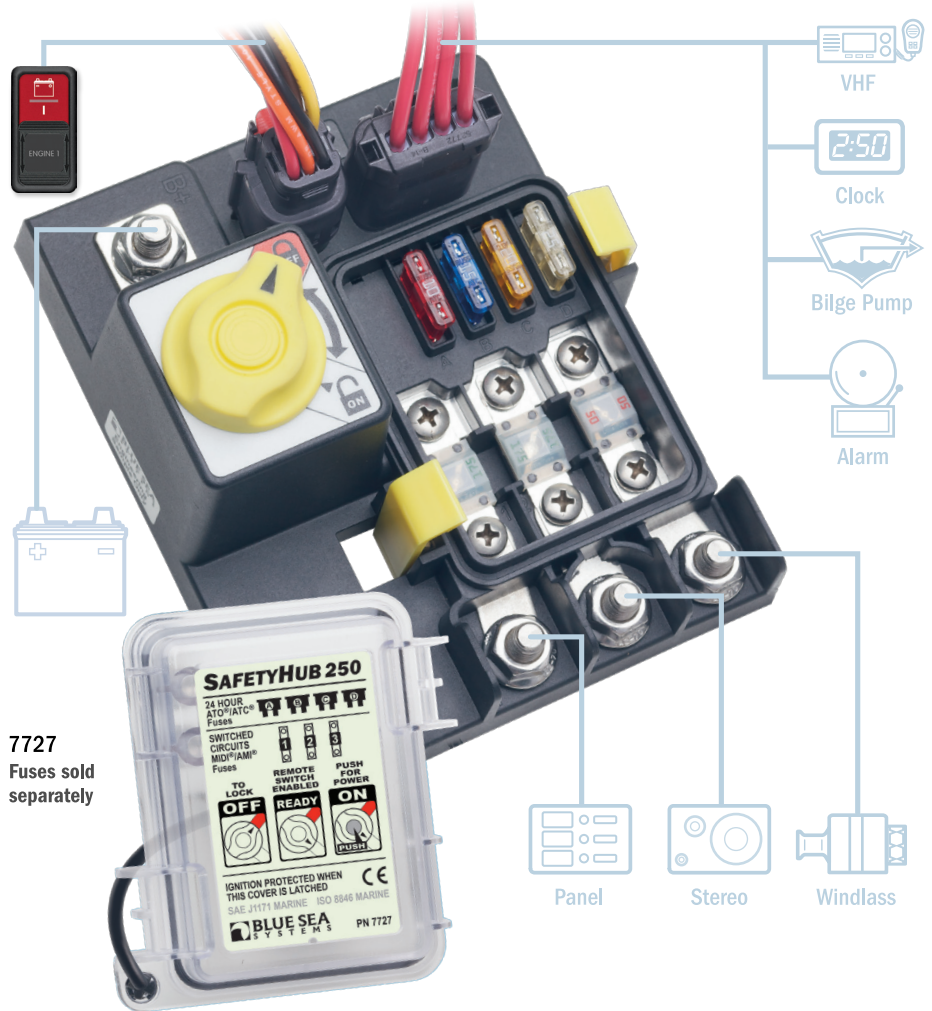
ATO® /ATC® Fuses



AMI®/MIDI® Fuses



AMI® (Cooper Bussmann®)
MIDI® (Littelfuse®)

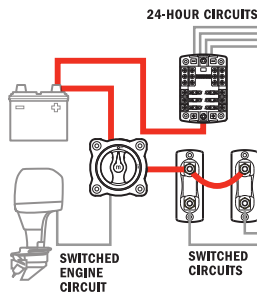


7727
Fuses sold separately

Compare System Diagrams

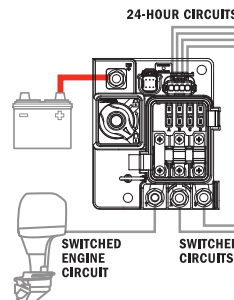
Without SafetyHub 250

- FOUR COMPONENTS
- FOUR CONNECTING WIRES
- NOT IGNITION PROTECTED



With SafetyHub 250

- ONE COMPONENT
- ONE CONNECTING WIRE
- IGNITION PROTECTED



LEGEND

CONNECTING WIRES 
LOAD WIRES 

Included with Retail Packaged Unit



REMOTE CONTROL CONTURA SWITCH PN 2155



REMOTE CONTROL CONNECTOR PLUG WITH 12" HARNESS PN 7730B Molex MX-150



ATO®/ATC® FUSE CONNECTOR PLUG WITH 12" HARNESS PN 7731B FCI 2.8mm



ENGINE CIRCUIT LINK BUS PN 7732B



SAFETYHUB 250

FUSE BLOCK WITH REMOTE BATTERY SWITCH

Specifications

Imxo Amperage Maximum Operating (combined)	300A*
Vmxo Nominal Operating Voltage	12V DC
Minimum Input Cable Size to Meet Rating	4/0 AWG (107mm ²)
Recommended Ring Terminal	M8 (5/16")
Stud Size	M8 x 1.25
Stud Torque	15lb-ft

Internal Battery Switch

Ic Continuous Amperage Rating	250A
I10 Cranking Rating: 10 sec.	1,000A

AMI®/MIDI® Fuse Block

Imxo Amperage Maximum Operating (per block)	250A†
Imxo Amperage Maximum Operating (per circuit)	200A†
Fuse Amperages Available	30A-200A
Screw Size	M5 x .8 x 10
Screw Torque	27lb-in (3.0 N-m)

ATO®/ATC® Fuse Block

Imxo Amperage Maximum Operating (per block)	50A†
Imxo Amperage Maximum Operating (per circuit)	20A†
Fuse Amperages Available	1A-20A

Regulatory

CE marked, ISO 8846, SAE J1171

Meets ISO 8846 ignition protection, and SAE J1171 external ignition protection requirements

* Wire Size and Current Rating Table

AWG Wire Size	Metric Wire Size	Amperage
4/0 AWG	120 mm ²	300A
2/0 AWG	70 mm ²	260A
1 AWG	50 mm ²	180A
4 AWG	25 mm ²	125A

† Ratings are dependent on input cable sized for appropriate amperages

Remote Control Switch Specifications

Contura Control Switch	SPDT ON-ON
Operating Temperature Range	-40°C to 85°C
LED Rating	100,000 hours 1/2 life






Retail Clamshell Packaging

Specifications subject to change. See www.bluesea.com for additional information and specifications.

980004770 Rev.003

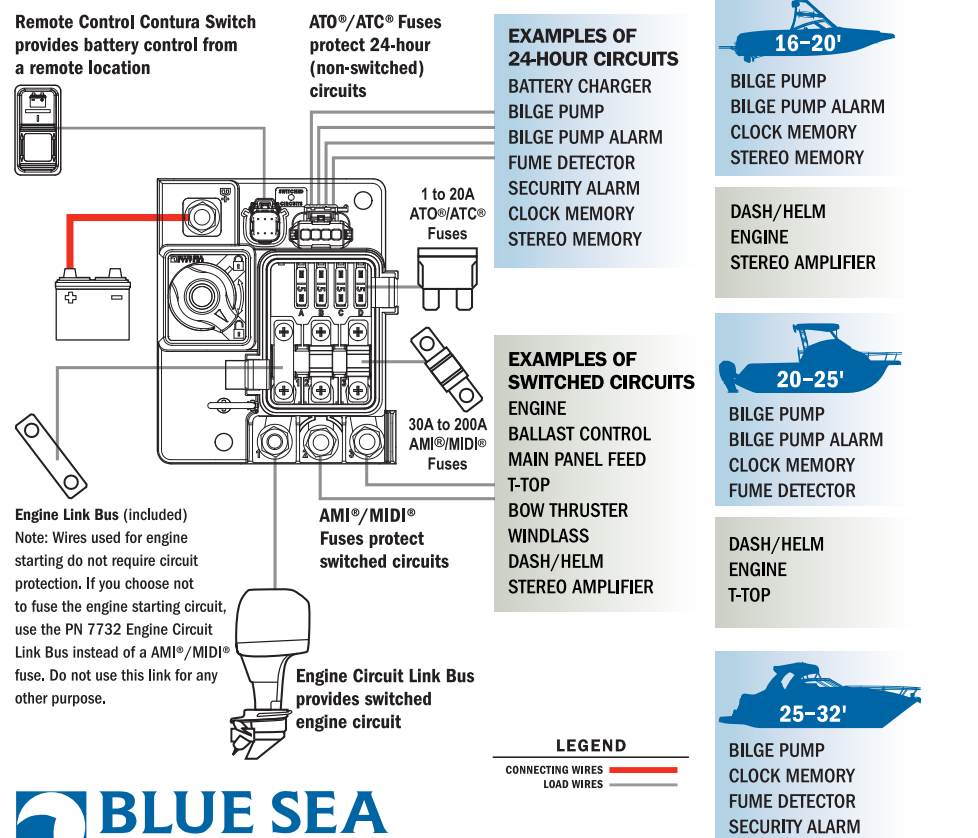
PRODUCT COMPARISON TABLE

Configurations	PN	Packaged	Local Control Knob	Accommodates ATO®/ATC® Fuses	Accommodates AMI®/MIDI® Fuses	Wire Harness	Remote Control Switch	Regulatory
SAFETYHUB 250 	7727	Retail	Yes	4	3* *2 fuse circuits when engine circuit link bus is used	2	Yes	CE marked ISO 8846 SAE J1171
	7727B	OEM	Yes	4	3* *2 fuse circuits when engine circuit link bus is used	—	—	●
SAFETYHUB 150 	7748	Retail	—	6	4	—	—	CE marked ISO 8846 SAE J1171
	7748B	OEM	—	6	4	—	—	● ●
SAFETYHUB 100 	7725	Retail	—	4	3	1	—	CE marked ISO 8846 SAE J1171
	7725B	OEM	—	4	3	—	—	● ●

RATINGS KEY

● Meets ISO 8846 ignition protection, and SAE J1171 external ignition protection requirements ● IP66—Protected against powerful water jets

APPLICATION DIAGRAM



425 Sequoia Drive
Bellingham, WA 98226 USA
p 360.738.8230
p 800.222.7617 USA and Canada Customer Service
f 360.734.4195

conductor@bluesea.com
www.bluesea.com