

m-Series Single Circuit ON/OFF Battery Switch

6006 / 6006200

Features

- Switches a single battery to a single load group
- Tin-plated copper studs for maximum conductivity and corrosion resistance
- Studs accept 3/8" (M10) ring terminals
- One-piece terminal stud design never loosens over time
- Isolating cover with three snap-off side pieces protects rear contacts and allows wire access in any direction

Specifications

Cranking Rating: 30 sec.	900A DC
Intermittent Rating: 5 min. (UL 1107)	500A DC
Continuous Rating:	300A DC
Terminal Stud, Tin-Plated Copper	3/8"-16 (M10)
Torque	120 in-lb (13.56 N·m)
Cable Size to Meet Ratings*	4/0 AWG (120 mm²)
Maximum Voltage Rating	48 Volts DC
Ignition Protected	
CE marked	

Agency Specifications

- Meets all American Boat and Yacht Council (ABYC) requirements for battery switches
- UL Listed - UL 1107 for electric power switches
- Meets UL 1500 and SAE J1171 external ignition protection requirements

Guarantee

Any Blue Sea Systems product with which a customer is not satisfied may be returned for a refund or replacement at any time.

* Reducing cable sizes will reduce current ratings

Blue Sea Systems Inc.
425 Sequoia Drive
Bellingham, WA
98226 USA
p .360.738.8230
www.blueseasystems.com

Caution

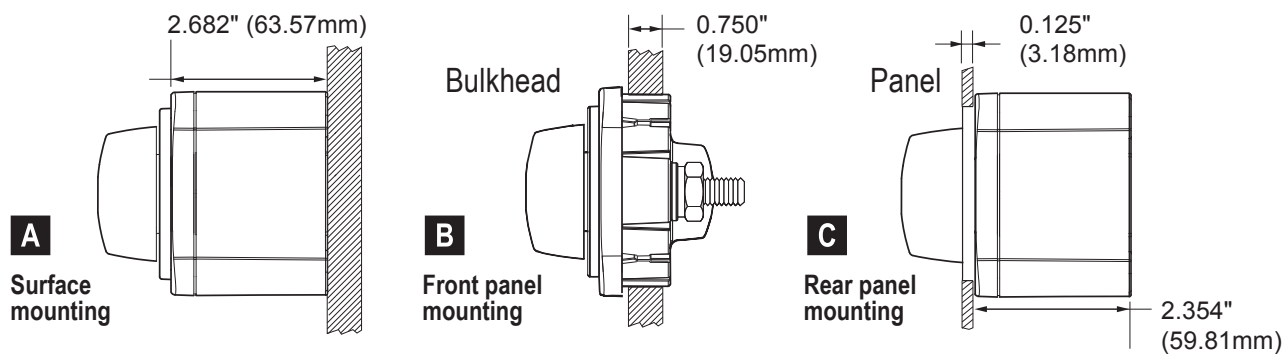
- **Disconnect positive battery terminal before installing.**
- Débranchez la cosse positive de la batterie avant de l'installer.
- Desconecte el terminal positivo de la batería antes de la instalación.
- Prima di eseguire l'installazione, disconnettere il terminale positivo della batteria.
- **Consult marine electrical professional for proper wiring application.**
- Consultez un professionnel de l'électricité marine pour installer le câblage correctement.
- Consulte a un electricista marino profesional para la aplicación de alambrado apropiada.
- Per assicurarsi che i cavi siano correttamente collegati, rivolgersi ad un elettricista specializzato in motori marini.

Installation

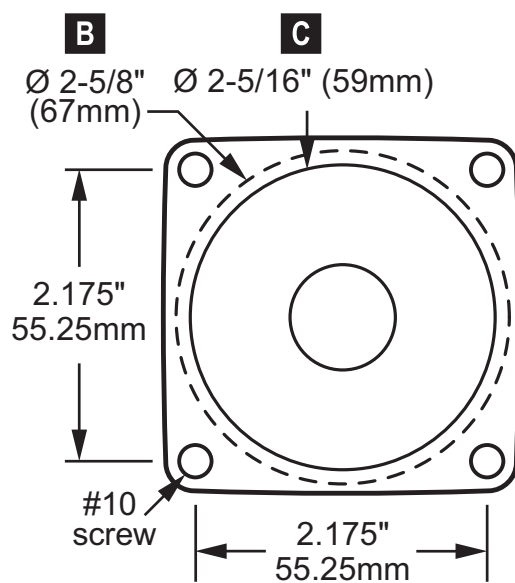
- **Refer to the latest edition of NFPA 302 and/or ABYC E11 Standard for installation information.**
- **Attach one 4/0 AWG cable per terminal to meet ratings.**
- Raccordez un câble 120 mm² par cosse pour respecter les spécifications.
- Sujete un cable 120 mm² por terminal de acuerdo a la clasificación.
- Attaccare un cavo 120 mm² per conformarsi alle tarature.
- **Battery cable terminals must be attached under nut and lock washer. Torque 120 in-lb (13.56 N·m).**
- Les cosses des câbles de batterie doivent être fixées sous la rondelle de sûreté et l'écrou – couple de serrage de 13,56 N·m (120 lb-po).
- Los terminales de los cables de batería deberán ser sujetados debajo de la tuerca y la arandela. Apriételes a una torsión de 13,56 N·m (120 lbs-pul).
- I terminali del cavo della batteria vanno attaccati con un dado e una rondella elastica: coppia di 13,56 N·m (120 lbs-in).

Operation

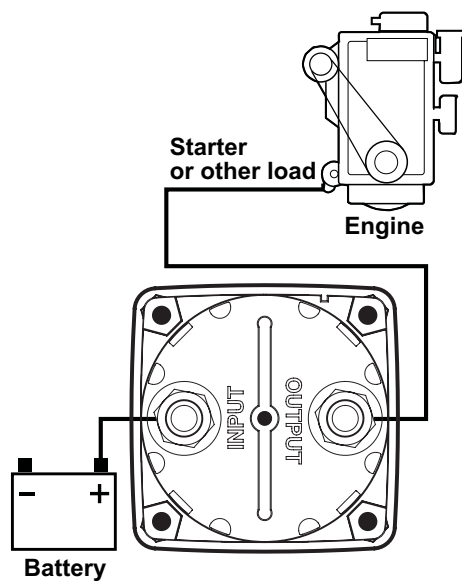
- **Turn all appliances off before turning the battery switch to OFF.**
- Éteignez tous les appareils électriques avant de mettre l'interrupteur de batterie sur ARRÊT.
- Apague todos los artefactos antes de girar el interruptor de batería a APAGADO (OFF).
- Spegnere tutte le apparecchiature prima di muovere l'interruttore della batteria su OFF (spento).
- **Do not switch to OFF while engine is running.**
- Ne le mettez pas sur ARRÊT alors que le moteur tourne.
- No coloque el interruptor en APAGADO (OFF) mientras que el motor esté funcionando.
- Non muovere l'interruttore su OFF (spento) quando il motore è in moto.



Switch Mounting Options



M-Series Battery Switch Dimensions



M-Series Selector Battery Switch

6007 / 6007200

Features

- Switches an isolated battery bank to all loads or combines battery banks to all loads
- Tin-plated copper studs for maximum conductivity and corrosion resistance
- Studs accept 3/8" (M10) ring terminals
- One-piece terminal stud design never loosens over time
- Isolating cover with three snap-off side pieces protects rear contacts and allows wire access in any direction

Specifications

Cranking Rating: 30 sec.	900A DC
Intermittent Rating: 5 min. (UL 1107)	500A DC
Continuous Rating:	300A DC
Terminal Stud, Tin-Plated Copper	3/8"-16 (M10)
Torque	120 in-lb (13.56 N·m)
Cable Size to Meet Ratings*	4/0 AWG (120 mm²)
Maximum Voltage Rating	32 Volts DC
Ignition Protected	
CE marked	

Agency Specifications

- Meets all American Boat and Yacht Council (ABYC) requirements for battery switches
- UL Listed - UL 1107 for electric power switches
- Meets UL 1500 and SAE J1171 external ignition protection requirements

Guarantee

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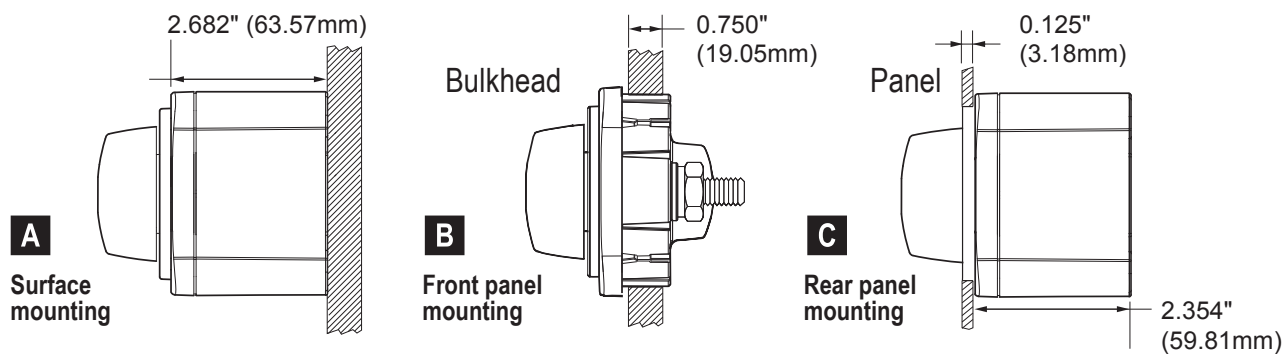
- **Disconnect positive battery terminal before installing.**
- Débranchez la cosse positive de la batterie avant de l'installer.
- Desconecte el terminal positivo de la batería antes de la instalación.
- Prima di eseguire l'installazione, disconnettere il terminale positivo della batteria.
- **Consult marine electrical professional for proper wiring application.**
- Consultez un professionnel de l'électricité marine pour installer le câblage correctement.
- Consulte a un electricista marino profesional para la aplicación de alambrado apropiada.
- Per assicurarsi che i cavi siano correttamente collegati, rivolgersi ad un elettricista specializzato in motori marini.

Installation

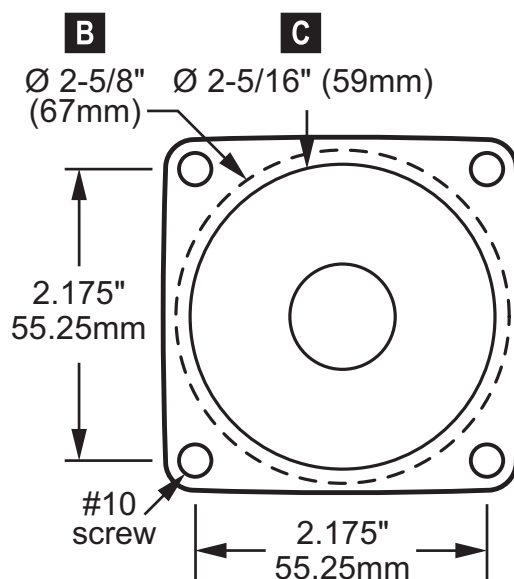
- **Refer to the latest edition of NFPA 302 and/or ABYC E11 Standard for installation information.**
- **Attach one 4/0 AWG cable per terminal to meet ratings.**
- Raccordez un câble 120 mm² par cosse pour respecter les spécifications.
- Sujete un cable 120 mm² por terminal de acuerdo a la clasificación.
- Attaccare un cavo 120 mm² per conformarsi alle tarature.
- **Battery cable terminals must be attached under nut and lock washer. Torque 120 in-lb (13.56 N·m).**
- Les cosse des câbles de batterie doivent être fixées sous la rondelle de sûreté et l'écrou – couple de serrage de 13,56 N·m (120 lb-po).
- Los terminales de los cables de batería deberán ser sujetados debajo de la tuerca y la arandela. Apriételes a una torsión de 13,56 N·m (120 lbs-pul).
- I terminali del cavo della batteria vanno attaccati con un dado e una rondella elastica: coppia di 13,56 N·m (120 lbs-in).

Operation

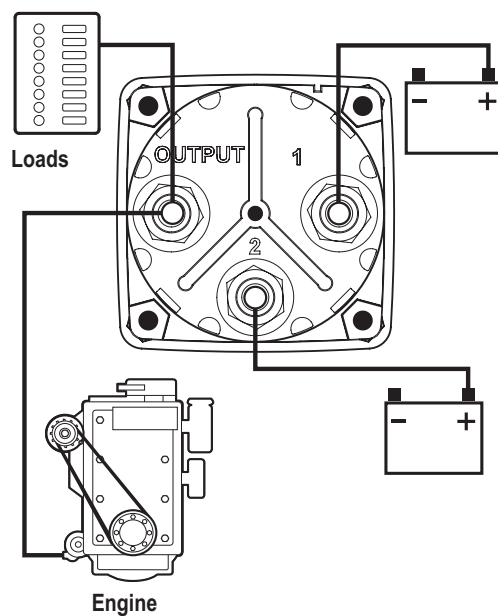
- **Turn all appliances off before turning the battery switch to OFF.**
- Éteignez tous les appareils électriques avant de mettre l'interrupteur de batterie sur ARRÊT.
- Apague todos los artefactos antes de girar el interruptor de batería a APAGADO (OFF).
- Spegnere tutte le apparecchiature prima di muovere l'interruttore della batteria su OFF (spento).
- **Do not switch to OFF while engine is running.**
- Ne le mettez pas sur ARRÊT alors que le moteur tourne.
- No coloque el interruptor en APAGADO (OFF) mientras que el motor esté funcionando.
- Non muovere l'interruttore su OFF (spento) quando il motore è in moto.



Switch Mounting Options



M-Series Battery Switch Dimensions



HD-Series Heavy Duty ON/OFF Battery Switch

PN 3000

Features

- Disconnects single battery bank in emergencies, or when vessel is not in use
- Up to 600 Amperes continuous rating for large diesel engines, high power output, and low heat generation

Tin-plated copper studs:

- M12-1.75 (1/2") provide maximum conductivity and corrosion resistance
- One-piece to reduce risk of overheating
- 7/8" (22.22mm) length to accept multiple cable terminals
- Two studs for load connections permit up to eight load cables to be connected

Case design:

- Allows surface mounting or rear panel mounting
- Accepts 4/0 AWG (120 mm²) battery cables

Specifications

Cranking Rating: 30 sec.	1,750A
Intermittent Rating: 5 min.	900A
Continuous Rating	600A
Voltage Max. Operating	32V DC
Terminal Stud, Tin-Plated Copper	M12-1.75 (1/2")
Torque	220 in-lb (24.86 N·m)
Cable Size to Meet Ratings*	4/0 AWG (120 mm ²)
Ignition Protected	
CE marked	

Agency Specifications

- Meets all American Boat and Yacht Council (ABYC) requirements for battery switches
- UL Listed - UL 1107 for electric power switches
- Meets UL 1500 and SAE J1171 external ignition protection requirements

Guarantee

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* Reducing cable sizes will reduce current ratings

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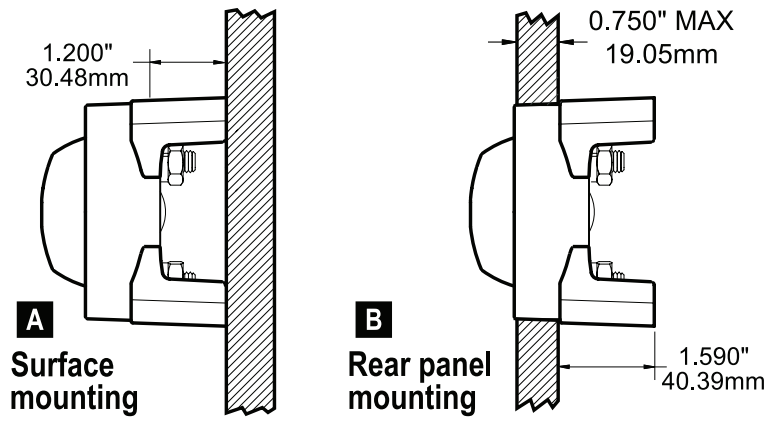
- Disconnect positive battery terminal before installing.
- Débranchez la cosse positive de la batterie avant de l'installer.
- Desconecte el terminal positivo de la batería antes de la instalación.
- Prima di eseguire l'installazione, disconnettere il terminale positivo della batteria.
- Consult marine electrical professional for proper wiring application.
- Consultez un professionnel de l'électricité marine pour installer le câblage correctement.
- Consulte a un electricista marino profesional para la aplicación de alambrado apropiada.
- Per assicurarsi che i cavi siano correttamente collegati, rivolgersi ad un elettricista specializzato in motori marini.

Installation

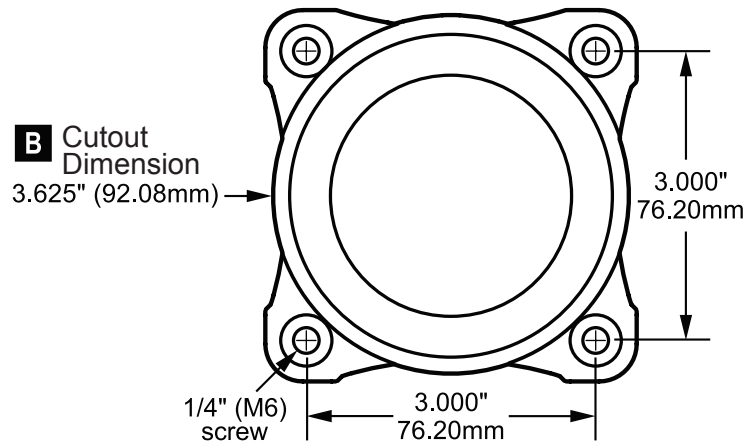
- Mount in an easily accessible location close to the batteries.
- Montez-le dans un endroit facilement accessible près des batteries.
- Monte en una ubicación fácilmente accesible cerca de la batería.
- Montare in un punto facilmente accessibile e vicino alle batterie.
- Attach two 4/0 cables to the battery terminal and a single 4/0 cable to each common terminal to meet rating.
- Relier deux câbles 120mm² à la borne de la batterie et un câble 120mm² à chaque borne commune pour respecter la valeur assignée.
- Conectar dos cables 120mm² al terminal de la batería y un cable sencillo 120mm² a cada terminal común para cumplir con el valor nominal.
- Collegare due cavi 120mm² al morsetto della batteria e un cavo singolo 120mm² a ciascun morsetto comune per garantire la conformità al valore nominale.
- Refer to the latest edition of NFPA 302 and/or ABYC E11 Standard for installation information.
- Battery cable terminals must be attached under nut. Torque 220 in-lb (24.86 N·m).
- Les cosse des câbles de batterie doivent être fixées sous la rondelle de sûreté et l'écrou – couple de serrage de 24,86 N·m (220 lb-po).
- Los terminales de los cables de batería deberán ser sujetados debajo de la tuerca y la arandela. Apriételes a una torsión de 24,86 N·m (220 lbs-pul).
- I terminali del cavo della batteria vanno attaccati con un dado e una rondella elastica: coppia di 24,86 N·m (220 lbs-in).

Operation

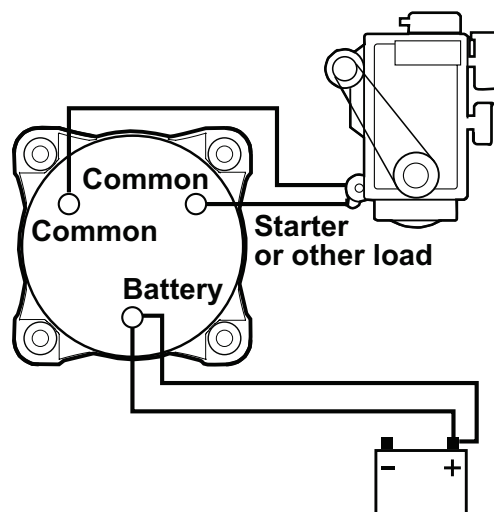
- Turn all appliances off before turning the battery switch to OFF.
- Éteignez tous les appareils électriques avant de mettre l'interrupteur de batterie sur ARRÊT.
- Apague todos los artefactos antes de girar el interruptor de batería a APAGADO (OFF).
- Spegner tutte le apparecchiature prima di muovere l'interruttore della batteria su OFF (spento).
- Do not switch to OFF while engine is running.
- Ne le mettez pas sur ARRÊT alors que le moteur tourne.
- No coloque el interruptor en APAGADO (OFF) mientras que el motor esté funcionando.
- Non muovere l'interruttore su OFF (spento) quando il motore è in moto.



Switch Mounting Options



HD-Series Battery Switch Dimensions



HD-Series Heavy Duty Selector Battery Switch PN 3002

Features

- Selects battery bank 1 or battery bank 2, or 1+2 for charging or emergency starting
- Up to 500 Amperes continuous rating for large diesel engines, high power output, and low heat generation

Tin-plated copper studs:

- M12-1.75 (1/2") provide maximum conductivity and corrosion resistance
- One-piece to reduce risk of overheating
- 7/8" (22.22mm) length to accept multiple cable terminals

Case design:

- Allows surface mounting or rear panel mounting
- Accepts 4/0 AWG (120 mm²) battery cables

Specifications

Cranking Rating: 30 sec.	1,600A
Intermittent Rating: 5 min.	700A
Continuous Rating	500A
Voltage Max. Operating	32V DC
Terminal Stud, Tin-Plated Copper	M12-1.75 (1/2")
Torque	220 in-lb (24.86 N·m)
Cable Size to Meet Ratings*	4/0 AWG (120 mm ²)
Ignition Protected	
CE marked	

Agency Specifications

- Meets all American Boat and Yacht Council (ABYC) requirements for battery switches
- UL Listed - UL 1107 for electric power switches
- Meets UL 1500 and SAE J1171 external ignition protection requirements

Guarantee

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* Reducing cable sizes will reduce current ratings

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Caution

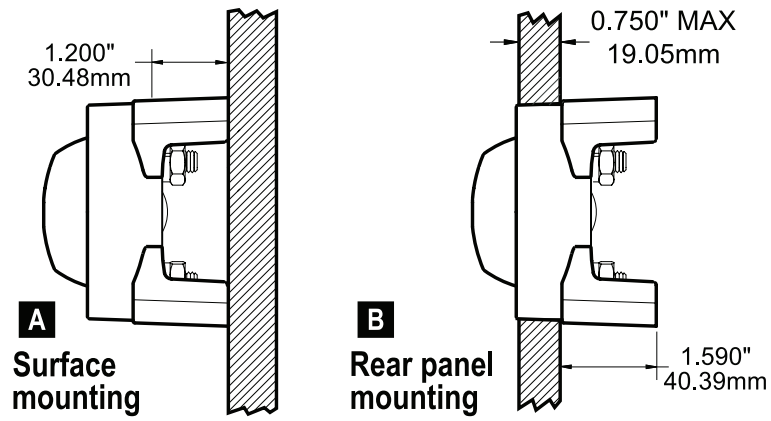
- Disconnect positive battery terminal before installing.
- Débranchez la cosse positive de la batterie avant de l'installer.
- Desconecte el terminal positivo de la batería antes de la instalación.
- Prima di eseguire l'installazione, disconnettere il terminale positivo della batteria.
- Consult marine electrical professional for proper wiring application.
- Consultez un professionnel de l'électricité marine pour installer le câblage correctement.
- Consulte a un electricista marino profesional para la aplicación de alambrado apropiada.
- Per assicurarsi che i cavi siano correttamente collegati, rivolgersi ad un elettricista specializzato in motori marini.

Installation

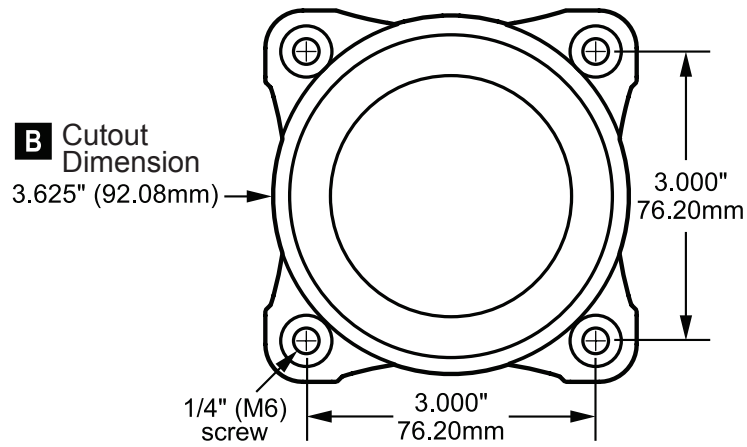
- Mount in an easily accessible location close to the batteries.
- Montez-le dans un endroit facilement accessible près des batteries.
- Monte en una ubicación fácilmente accesible cerca de la batería.
- Montare in un punto facilmente accessibile e vicino alle batterie.
- Attach one 4/0 cable to each battery terminal and two 4/0 cables to the common terminal to meet rating.
- Relier un câble 120mm² à chaque borne de la batterie et deux câbles 120mm² à la borne commune pour respecter la valeur assignée.
- Conectar un cable 120mm² a cada terminal de la batería y dos cables 120mm² al terminal común para cumplir con el valor nominal.
- Collegare un cavo 120mm² a ciascun morsetto della batteria e due cavi 120mm² al morsetto comune per garantire la conformità al valore nominale.
- Refer to the latest edition of NFPA 302 and/or ABYC E11 Standard for installation information.
- Battery cable terminals must be attached under nut. Torque 220 in-lb (24.86 N·m).
- Les cosses des câbles de batterie doivent être fixées sous la rondelle de sûreté et l'écrou – couple de serrage de 24,86 N·m (220 lb-po).
- Los terminales de los cables de batería deberán ser sujetados debajo de la tuerca y la arandela. Apriételes a una torsión de 24,86 N·m (220 lbs-pul).
- I terminali del cavo della batteria vanno attaccati con un dado e una rondella elastica: coppia di 24,86 N·m (220 lbs-in).

Operation

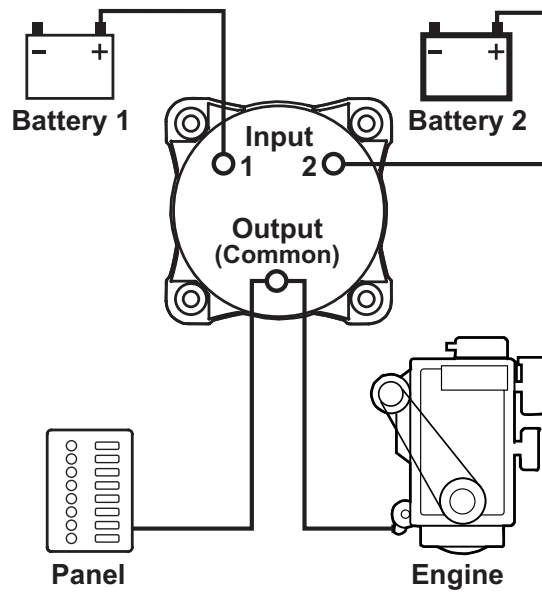
- Turn all appliances off before turning the battery switch to OFF.
- Éteignez tous les appareils électriques avant de mettre l'interrupteur de batterie sur ARRÊT.
- Apague todos los artefactos antes de girar el interruptor de batería a APAGADO (OFF).
- Spegnere tutte le apparecchiature prima di muovere l'interruttore della batteria su OFF (spento).
- Do not switch to OFF while engine is running.
- Ne le mettez pas sur ARRÊT alors que le moteur tourne.
- No coloque el interruptor en APAGADO (OFF) mientras que el motor esté funcionando.
- Non muovere l'interruttore su OFF (spento) quando il motore è in moto.



Switch Mounting Options



HD-Series Battery Switch Dimensions



e-Series Selector Battery Switch PN 9001E

Features

- Selects battery bank 1 or battery bank 2, or 1+2 for charging or emergency starting
- For switching battery banks in applications requiring high power output, reliability, and low heat generation

Tin-plated copper studs:

- 3/8"-16 (M10) provide maximum conductivity and corrosion resistance
- One-piece to reduce risk of overheating
- 7/8" (22.22mm) length to accept multiple cable terminals

Case design:

- Allows surface mounting or rear panel mounting
- Accepts up to 4/0 AWG (95mm²) battery cables

Specifications

Cranking Rating: 30 sec.	1,200A
Intermittent Rating: 5 min. (UL 1107)	600A
Continuous Rating	350A
Voltage Max. Operating	32V DC
Terminal Stud, Tin-Plated Copper	3/8"-16 (M10)
Torque	140 in-lb (15.82 N·m)
Cable Size to Meet Ratings*	4/0 AWG (95mm ²)
Ignition Protected	
CE marked	

Agency Specifications

- Meets all American Boat and Yacht Council (ABYC) requirements for battery switches
- UL Listed - UL 1107 for electric power switches
- Meets UL 1500 and SAE J1171 external ignition protection requirements

Guarantee

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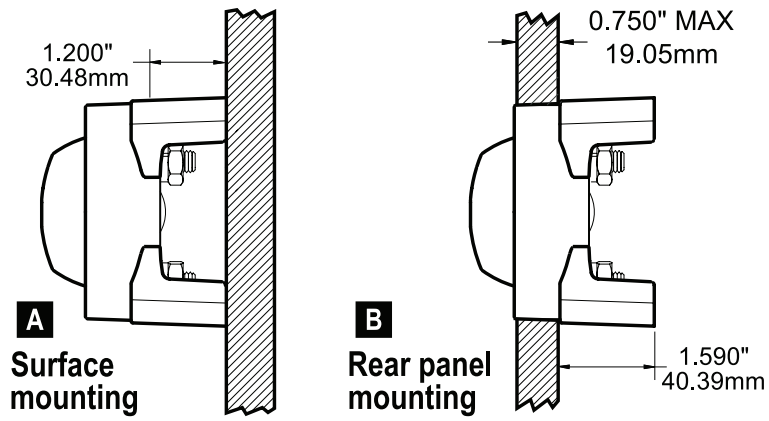
- Disconnect positive battery terminal before installing.
- Débranchez la cosse positive de la batterie avant de l'installer.
- Desconecte el terminal positivo de la batería antes de la instalación.
- Prima di eseguire l'installazione, disconnettere il terminale positivo della batteria.
- Consult marine electrical professional for proper wiring application.
- Consultez un professionnel de l'électricité marine pour installer le câblage correctement.
- Consulte a un electricista marino profesional para la aplicación de alambrado apropiada.
- Per assicurarsi che i cavi siano correttamente collegati, rivolgersi ad un elettricista specializzato in motori marini.

Installation

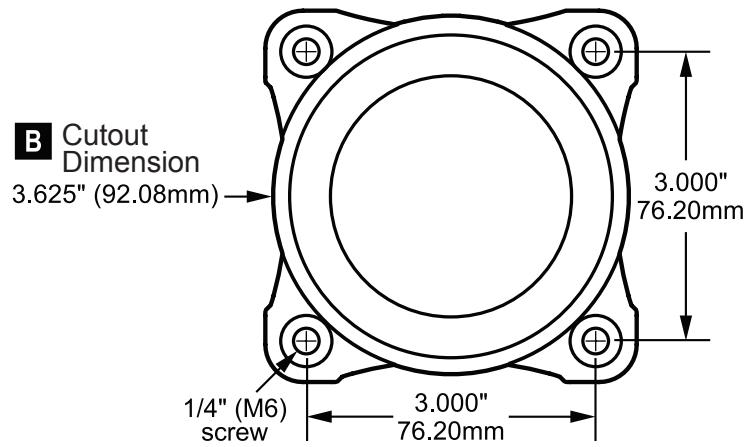
- Mount in an easily accessible location close to the batteries.
- Montez-le dans un endroit facilement accessible près des batteries.
- Monte en una ubicación fácilmente accesible cerca de la batería.
- Montare in un punto facilmente accessibile e vicino alle batterie.
- Attach one 4/0 AWG cable per terminal to meet ratings.
- Raccordez un câble 95mm² par cosse pour respecter les spécifications.
- Sujete un cable 95mm² por terminal de acuerdo a la clasificación.
- Attaccare un cavo 95mm² per conformarsi alle tarature.
- Refer to the latest edition of NFPA 302 and/or ABYC E11 Standard for installation information.
- Battery cable terminals must be attached under nut. Torque 140 in-lb (15.82 N·m).
- Les cosses des câbles de batterie doivent être fixées sous la rondelle de sûreté et l'écrou – couple de serrage de 15,82 N·m (140 lb-po).
- Los terminales de los cables de batería deberán ser sujetados debajo de la tuerca y la arandela. Apriételes a una torsión de 15,82 N·m (140 lbs-pul).
- I terminali del cavo della batteria vanno attaccati con un dado e una rondella elastica: coppia di 15,82 N·m (140 lbs-in).

Operation

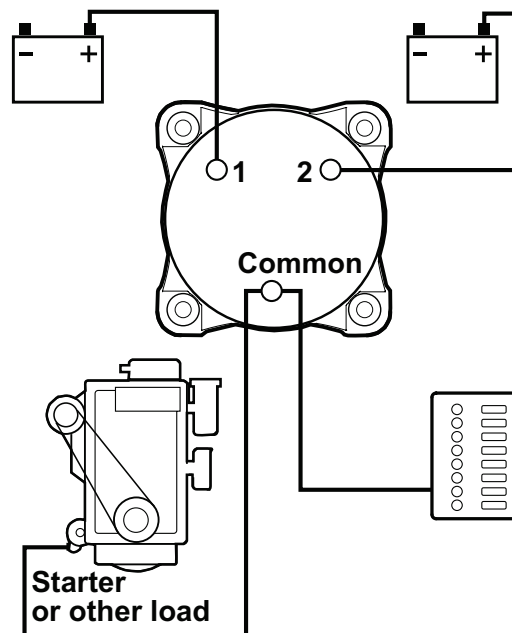
- Turn all appliances off before turning the battery switch to OFF.
- Éteignez tous les appareils électriques avant de mettre l'interrupteur de batterie sur ARRÊT.
- Apague todos los artefactos antes de girar el interruptor de batería a APAGADO (OFF).
- Spegnere tutte le apparecchiature prima di muovere l'interruttore della batteria su OFF (spento).
- Do not switch to OFF while engine is running.
- Ne le mettez pas sur ARRÊT alors que le moteur tourne.
- No coloque el interruptor en APAGADO (OFF) mientras que el motor esté funcionando.
- Non muovere l'interruttore su OFF (spento) quando il motore è in moto.



Switch Mounting Options



E-Series Battery Switch Dimensions



e-Series Single Circuit ON/OFF Battery Switch

PN 9003E

Features

- Disconnects single battery bank in emergencies, or when vessel is not in use
- For switching battery banks in applications requiring high power output, reliability, and low heat generation

Tin-plated copper studs:

- 3/8"-16 (M10) provide maximum conductivity and corrosion resistance
- One-piece to reduce risk of overheating
- 7/8" (22.22mm) length to accept multiple cable terminals

Case design:

- Allows surface mounting or rear panel mounting
- Accepts up to 4/0 AWG (95mm²) battery cables

Specifications

Cranking Rating: 30 sec.	1,200A
Intermittent Rating: 5 min. (UL 1107)	600A
Continuous Rating	350A
Voltage Max. Operating	48V DC
Terminal Stud, Tin-Plated Copper	3/8"-16 (M10)
Torque	140 in-lb (15.82 N·m)
Cable Size to Meet Ratings*	4/0 AWG (95mm ²)
Ignition Protected	
CE marked	

Agency Specifications

- Meets all American Boat and Yacht Council (ABYC) requirements for battery switches
- UL Listed - UL 1107 for electric power switches
- Meets UL 1500 and SAE J1171 external ignition protection requirements

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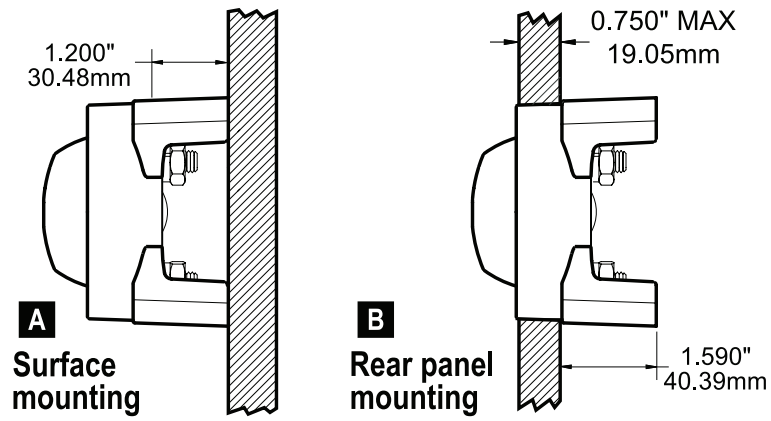
- Disconnect positive battery terminal before installing.
- Débranchez la cosse positive de la batterie avant de l'installer.
- Desconecte el terminal positivo de la batería antes de la instalación.
- Prima di eseguire l'installazione, disconnettere il terminale positivo della batteria.
- Consult marine electrical professional for proper wiring application.
- Consultez un professionnel de l'électricité marine pour installer le câblage correctement.
- Consulte a un electricista marino profesional para la aplicación de alambrado apropiada.
- Per assicurarsi che i cavi siano correttamente collegati, rivolgersi ad un elettricista specializzato in motori marini.

Installation

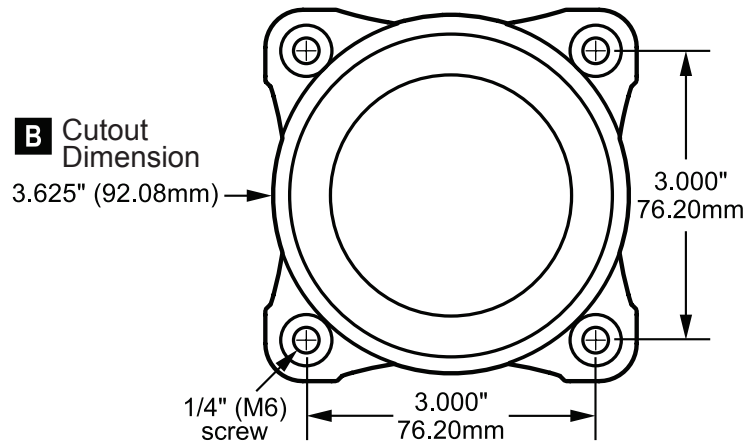
- Mount in an easily accessible location close to the batteries.
- Montez-le dans un endroit facilement accessible près des batteries.
- Monte en una ubicación fácilmente accesible cerca de la batería.
- Montare in un punto facilmente accessibile e vicino alle batterie.
- Attach one 4/0 AWG cable per terminal to meet ratings.
- Raccordez un câble 95mm² par cosse pour respecter les spécifications.
- Sujete un cable 95mm² por terminal de acuerdo a la clasificación.
- Attaccare un cavo 95mm² per conformarsi alle tarature.
- Refer to the latest edition of NFPA 302 and/or ABYC E11 Standard for installation information.
- Battery cable terminals must be attached under nut. Torque 140 in-lb (15.82 N·m).
- Les cosse des câbles de batterie doivent être fixées sous la rondelle de sûreté et l'écrou – couple de serrage de 15,82 N·m (140 lb-po).
- Los terminales de los cables de batería deberán ser sujetados debajo de la tuerca y la arandela. Apriételes a una torsión de 15,82 N·m (140 lbs-pul).
- I terminali del cavo della batteria vanno attaccati con un dado e una rondella elastica: coppia di 15,82 N·m (140 lbs-in).

Operation

- Turn all appliances off before turning the battery switch to OFF.
- Éteignez tous les appareils électriques avant de mettre l'interrupteur de batterie sur ARRÊT.
- Apague todos los artefactos antes de girar el interruptor de batería a APAGADO (OFF).
- Spegner tutte le apparecchiature prima di muovere l'interruttore della batteria su OFF (spento).
- Do not switch to OFF while engine is running.
- Ne le mettez pas sur ARRÊT alors que le moteur tourne.
- No coloque el interruptor en APAGADO (OFF) mientras que el motor esté funcionando.
- Non muovere l'interruttore su OFF (spento) quando il motore è in moto.



Switch Mounting Options



E-Series Battery Switch Dimensions

