

Operation Instructions

The SL Series PDM uses a SPDT ON-ON Remote Control Switch for control from a remote location. The Remote Control Switch should be mounted in a convenient location for quick access.

ACTION	OPERATIONS	LED INDICATION
To switch the battery bank and high-amperage circuits ON	Depress the top part of the Remote Control Switch actuator.	LEDs on switch and block illuminate, indicating that switched circuits are ON .
To switch the battery bank and high-amperage circuits OFF	Depress the bottom part of the Remote Control Switch actuator.	LEDs on switch and block do not illuminate, indicating that switched circuits are OFF .

Unswitched Fused Circuits

Fused circuits A, B, C, and D are always on 24-hour, (non-switched), regardless of the Remote Control Switch state.

Fuses

Unlatch the two yellow tabs on the fuse cover to access fuses.

The ATO® Fuse Block of the SL PDM is used for 24-hour (non-switched) circuits. The total continuous amperage of this block must not exceed 50A.

The MIDI® Fuse Block of the SL PDM is used for the switched circuits. The total continuous amperage of this block must not exceed 240A.

Remote Control Operations

Battery bank and high-amp switched circuits 1,2, and 3 only.

Ordering Information

PART NUMBER	DESCRIPTION	INGRESS PROTECTION
880075	16 V Max Power Distribution Module with Remote Switching	IP59K
880076	16 V Max Power Distribution Module with Remote Switching and Manual Control	IP5X

Installation Instructions

Install the SL PDM in a readily accessible location as close as possible to the battery. Mount in a dry and protected location. Avoid mounting directly above vented lead acid batteries so that the SL PDM is not exposed to corrosive gasses from the batteries.

Where possible, mount the Safety Hub in a vertical orientation.

High Current Input/Remote Battery Switch Connection

Connect the positive battery terminal to the input stud on the SL PDM. Torque the connection to 15 ft-lb.

High-Amperage Switched Fuse Circuit Connections

To connect high amperage loads such as an engine starting circuit, distribution panel, or windlass, use the numbered high amperage studs.

CAUTION: Do not switch the Remote Control Switch to OFF while the engine is running!

Unswitched Fused Circuit Connections

The fuse connections labeled with letters are designed to be used for circuits that are always on.

Control Circuit Connections

(wires contained in the wire harness)

NOTE: The SL PDM is designed to be controlled by the Remote Control Switch. Use minimum 18 AWG (1.5mm²) wire for the control circuit.

