

SMART TERMINAL BLOCK FAMILY

Monitored low-voltage circuit distribution with modular link-bar flexibility.

SmartWiring Smart Terminal Blocks provide modular, serviceable low-voltage circuit distribution for marine and mobile installations. Use them to create organized, monitored, and expandable wiring systems with clear circuit identification and flexible bank configuration.



-  Modular system
-  Remote powered distribution
-  Monitored fuse state
-  Visual status indication
-  Ring / fork terminal connections
-  DIN rail or bulkhead mounting

1 WHY SMART TERMINAL BLOCKS?

-  **Remote powered**
Take a protected supply to a remote location, then distribute locally to fans, USB sockets, lights and other loads.
-  **Monitored fuse state** at the output terminal helps identify issues quickly.
-  **Blue visual indicators** provide immediate status confirmation.
-  **Duplex wiring** simplifies cable runs and fault finding by keeping supply and return together.
-  **Designed for neat, serviceable installations** with clear labeling and modular expansion.

2 PRODUCT FAMILY



Smart Terminal Block 2_4
Compact monitored distribution block.



Smart Terminal Block 4_8
Standard monitored multi-circuit block.



Smart Terminal Block 4_8 HC
High-current version. Same external appearance as the 4_8.



Passive Terminal Block 4_8
Passive connection and distribution block.

3 CURRENT CAPACITY & CONNECTIVITY

-  STB 4_8 HC: 80A total maximum, 40A per side maximum
-  Non-HC monitored STBs: 40A total maximum
-  RJ45 / CAT5 daisy-chain monitoring supported
-  Maximum distance between STBs for monitoring: 20m
-  Blocks are designed to sit flush side by side
-  Top and bottom cable entry supports clean installations

SMARTWIRING SMART TERMINAL BLOCKS DELIVER A CLEANER, MORE RELIABLE WIRING SOLUTION.

-  Organized wiring
-  Faster fault finding
-  Modular expansion
-  Service-friendly design

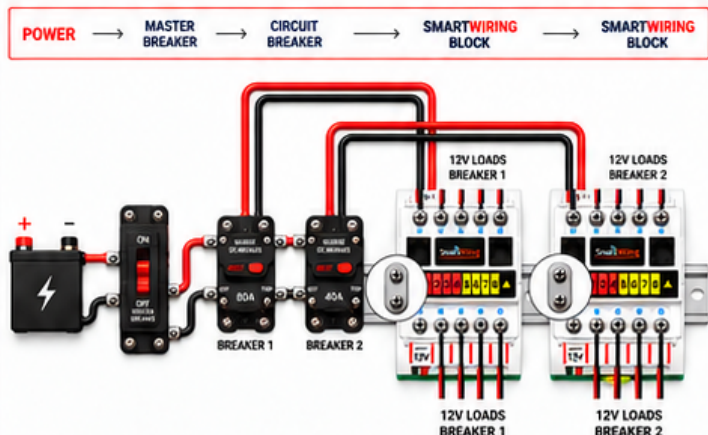
LINK BAR SYSTEM FLEXIBILITY

One terminal block platform, multiple wiring strategies for marine DC distribution.

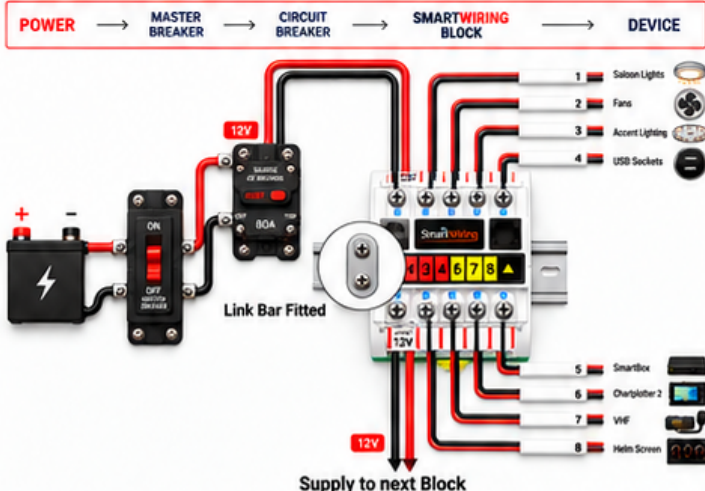
The SmartWiring terminal block's removable link bar gives you the freedom to configure your system to suit your vessel. Banks can be linked to share a common supply, or isolated when separate circuits or voltages are required. This flexibility enables single-supply distribution, daisy-chaining, dual-voltage separation and easy multi-block expansion — all using the same modular platform.



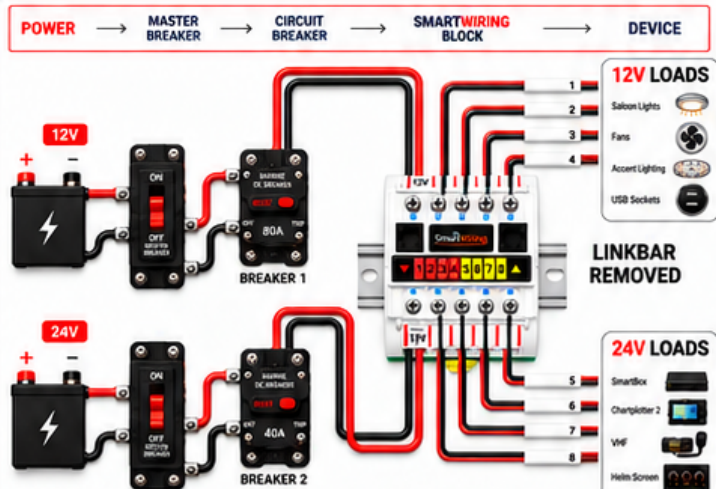
1 Multi-Block Expansion



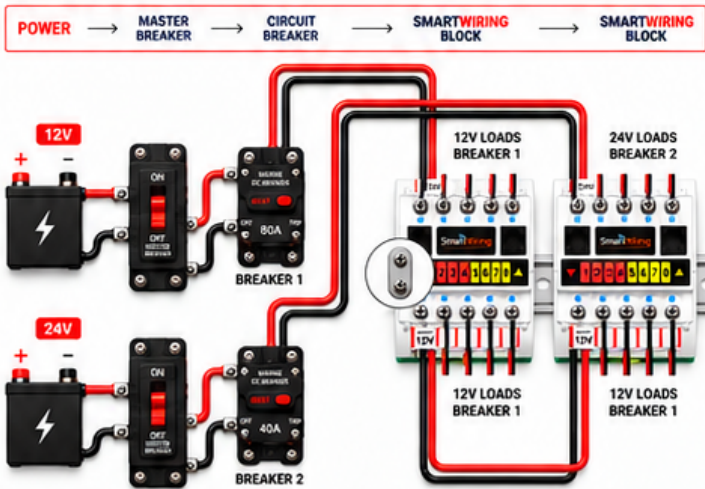
2 Link Bar Fitted – Shared 12V Distribution



3 Link Bar Removed – Separate 12V / 24V Loads



4 Dual Supply Across Two Blocks



THE LINK BAR ADVANTAGE



Fit link bars to share supply across paired banks.



Remove link bars to isolate circuits or voltages.



Distribute 12V and 24V loads from the same platform.



Expand easily to additional SmartWiring blocks.

KEY FEATURES

SMART TERMINAL BLOCKS

Six practical benefits for a cleaner, serviceable marine electrical installation.

1 MOUNTING OPTIONS

DIN rail or surface mounting using integrated flip-out mounting holes.



2 MONITORED OUTPUTS

Blue LEDs at the output terminals provide immediate visual circuit-status indication.



LED + terminal

Blue LED indicates output status

3 DUPLEX WIRING

Positive and negative travel together to each device, simplifying fault finding.



4 REMOTE DISTRIBUTION

Bring protected power to a remote STB, then distribute locally to nearby equipment.



REMOTE POWER, LOCAL DISTRIBUTION

5 DAISY-CHAIN MONITORING

Link STBs via RJ45 for networked monitoring. Additional blocks can be added as required.



6 EASE OF INSTALLATION

Ring and fork terminals make installation and servicing straightforward.



RING TERMINAL



FORK TERMINAL

Marine-grade adhesive heat-shrink terminals

