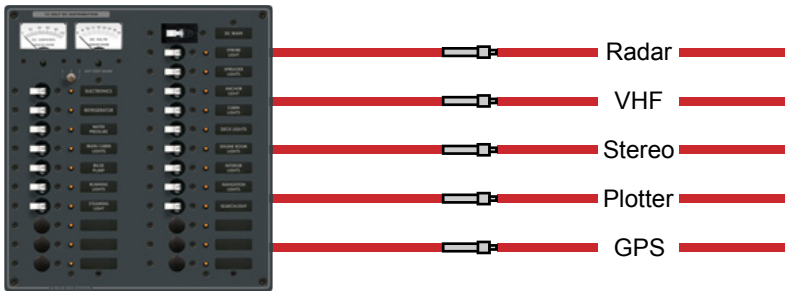


Application Brief - ST (Screw Terminal) Blade Fuse Block

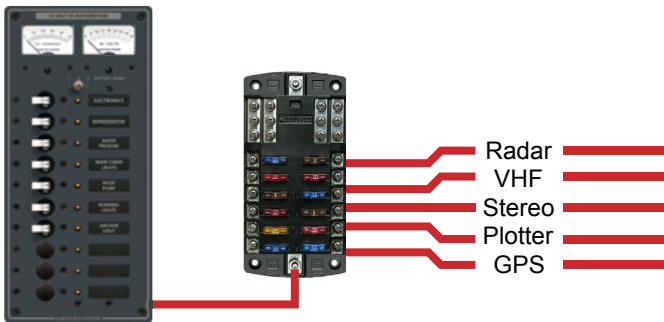
The ST (Screw Terminal) Blade Fuse Block was designed with screw terminals to comply with ABYC Recommended Practices and built with tin plated copper components for improved conductivity and lower operating temperatures. A cover comes standard with each model to protect the conductive surfaces from accidental shorting, label each circuit and store spare fuses.

The ST Blade Fuse Block is ideal for use as a sub-panel in the DC distribution system. This solves the problem of large and expensive circuit breaker panels used to provide circuit protection for electronics and other branch circuits. With most circuit breaker panels a circuit breaker is used as well as an inline fuse for most electronic devices.

Below is a diagram of a typical panel installation.



By using the ST Blade Fuse Block as a sub-panel the space used is reduced and fuses more appropriate for electronics can be used. This provides up to 12 branch circuits and does away with the inline fuses while using only one position on the panel. This allows the use of a smaller panel and the system has a lower overall cost per circuit.



A 12 circuit DC circuit breaker panel costs 10 times more per circuit on average and takes up 3 times as much space. The example below illustrates this.

Panel or Fuse Block	Retail Price	Cost per Circuit	Size
12 Circuit DC Panel	\$379.44	\$31.62	66.38 sq. in.
12 Circuit ST Blade Fuse Block with Ground bus	\$35.00	\$2.92	21.45 sq. in.
Savings with Fuse Block	\$344.44	\$28.70	44.93 sq. in.

The ST Blade Fuse Block is available with and without a grounding bus in 6 circuit and 12 circuit versions. [Click here for more information \(PDF File - Size 342KB\).](#)