



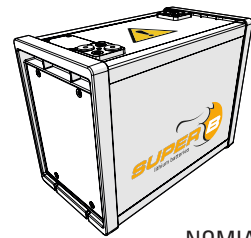
QUICK START GUIDE



TBS Remote battery switch

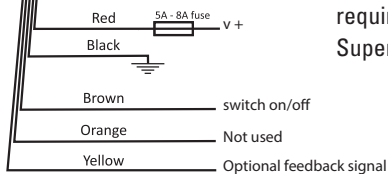
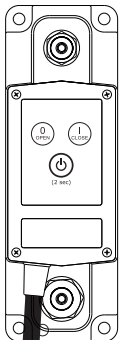
12V: DCM RBS 12V-500A
24V: DCM RBS 24V-500A
48V: DCM RBS 48V-350A

CONNECTING A TBS RBS TO A NOMIA



NOMIA

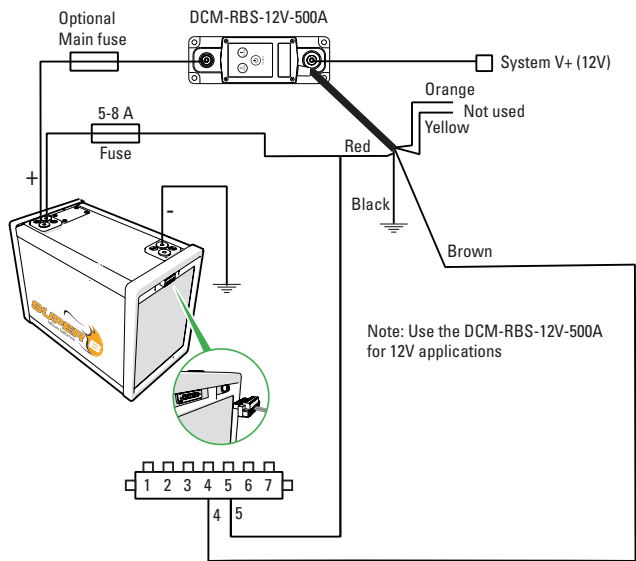
TBS RBS CONNECTIONS



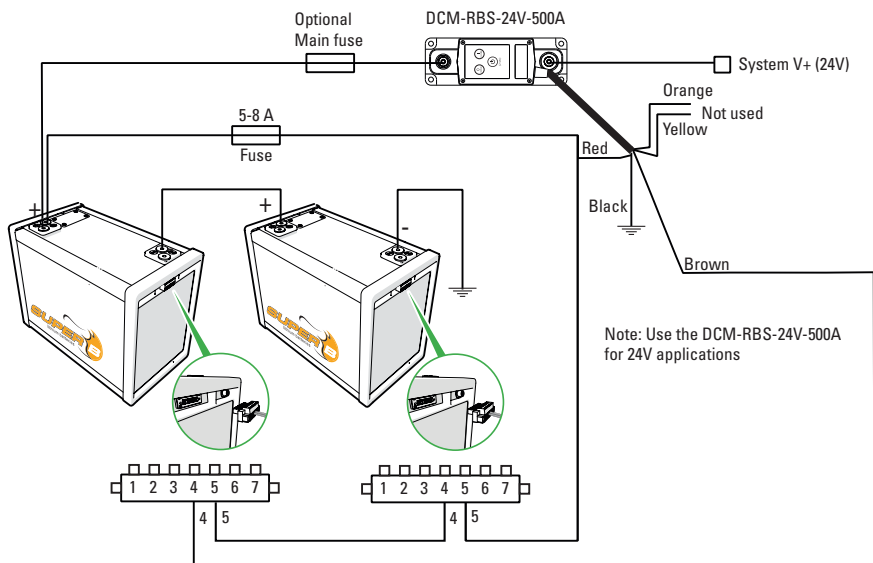
WARNING!

- Always consult the latest manual on the TBS website to be informed about pre-cautions and specifications.
- The TBS relay is delivered default bi-stable mode. Please use the manual to put the relay in mono-stable mode.
- A complete power loss of the system (e.g. fuse blow or wire cut) might cause the TBS relay to stay in the last position since in basics it is a bi-stable relay. This means that it might stay on. When replacing the fuse, it might lead to the system turning on again leading to an unsafe situation. Verify if this behavior fits the safety requirements in your system. In case of doubt contact Super B.

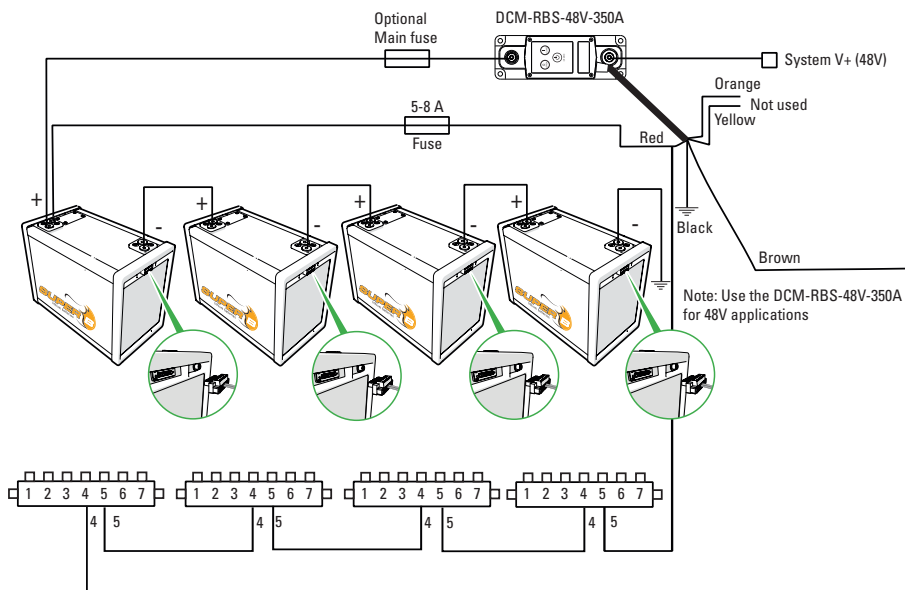
CONNECTING TBS RBS TO A NOMIA BATTERY (12V SYSTEM)



CONNECTING TBS RBS TO A NOMIA BATTERY (24V SYSTEM)



CONNECTING TBS RBS TO A NOMIA BATTERY (48V SYSTEM)



General information (Applies to the 12V/24V/48V Nomia battery system):

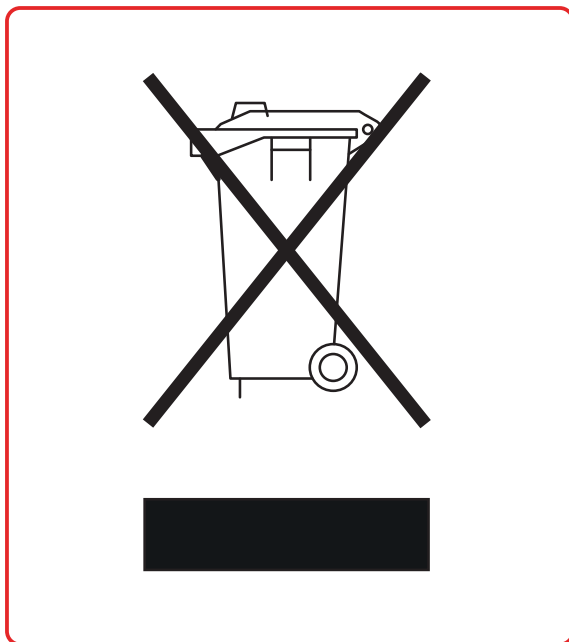
Pre-charge Resistor: In some cases, with high system specifications, a pre-charge resistor is necessary. Please contact Super B for advice if you are unsure about the requirements for your system configuration.

TBS RBS Configuration: Always configure the TBS RBS to monostable mode. Refer to the manual for detailed instructions: go to the “Change control mode” menu and select mode 4.

Use of Manual Control Buttons: Avoid using the manual control buttons, as manually overriding the battery's relay control can damage the battery (overcharging or deep discharging).

Series and Parallel Configurations: For both series and parallel configurations, the relay connections follow the same logic. Ensure all connections are correct according to the specifications.

Voltage Rating Check: It is crucial to carefully check the voltage rating of all components and ensure they are within the specified limits to prevent damage to the system.



Version 1.2



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