

# **CARSON Reflex Switch 2-4 Stromverteiler Instruction Manual**

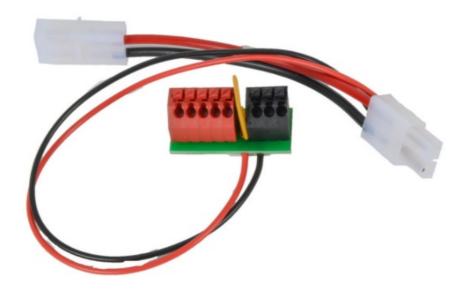
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**CARSON Reflex Switch 2-4 Stromverteiler** 



### **Dear Customer**

We congratulate you for buying this CARSON product, which is designed and manufactured using state of the art technology. According to our policy of continued development and product improvement we reserve the right to make changes in specifications regarding equipment, material and design at any time without notice.

Specifications or designs of the actual product may vary from those shown in this manual or on the box. The manual forms part of this product. Should you ignore the operating and safety instructions, the warranty will be void. Keep this guide for future reference.

## **Limited Warranty**

This product is warranted by CARSON against manufacturing defects in materials and workmanship under normal use for 24 months from the date of purchase from authorised franchisees and dealers. In the event of a product defect during the warranty period, return the product along with your receipt as proof of purchase to any CARSON store. CARSON will, at its option, unless otherwise provided by law:

- 1. Correct the defect by repairing the product without charging for parts and labour;
- 2. Replace the product with one of the same or similar design. All replacement parts and products, and products on which a refund is made, become the property of CARSON. New or reconditioned parts and products may be used in the performance of warranty services. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

#### The Warranty does not cover:

- Damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal
  usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other
  incidence of excess voltage or current;
- · Damage caused by losing control of your model;
- Any repairs other than those provided by a CARSON authorised service facility;
- · Consumables such as fuses or batteries:
- Cosmetic damage;
- · Transportation, shipping or insurance costs; or

- Costs of product removal, installation, set-up service adjustment or reinstallation;
- Any changes to plugs and cables, open the housing and damage the sticker. This warranty gives you specific legal rights, and you may also have other rights which may vary according to the country of purchase.

### **Declaration of Conformity**

TAMIYA-CARSON Modellbau GmbH & Co. KG hereby declares that the radio equipment type 500503062 conforms to Directive 2014/53/EU. The complete text for the EU declaration of conformity is available at the following Internet address. <a href="https://www.carson-modelsport.com/de/produkte.htm">www.carson-modelsport.com/de/produkte.htm</a>

#### **DISTRIBUTION TERMINAL WITH FUSE**

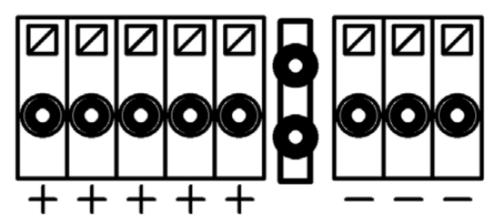
The distribution terminal makes it easy to attach extra components, such as switch modules, to the driving battery. There is no need to disconnect the battery lead to do this. There are 2 spring-loaded terminals on the board. The red 5-pole terminal is connected to the positive pole via a self-resetting fuse and the black 3-pole terminal is connected directly to the negative pole. If there is a short-circuit, the fuse quickly becomes high ohmic and interrupts the current flow almost completely. It maintains this state for as long as the short-circuit lasts. Only after the short circuit is removed does the fuse return to its initial state after a short time. Owing to the fuse's sluggish response, even higher currents are possible briefly.

#### **TECHNICAL DATA**

- Battery voltage: Maximum 16V
- Fuse holding current at least: 8A at 23°C 6.4A at 50°C
- Trip response: Approx. 10 s at 20A and 23°C ambient temperature Approx. 2 s at 40A and 23°C ambient temperature
- Connecting terminal: Outputs: 5-pole positive terminal, 3-pole negative terminal Lead cross-section: 0.25 mm<sup>2</sup> up to 1.00 mm<sup>2</sup>
- Dimensions: 35 x 15 x 22 mm

· Weight: 21 g

## **PIN ASSIGNMENT**



#### **CONNECTION EXAMPLE**

## Distribution terminal with fuse To speed controller Max. 2.5A per consumer Positive 16V max. terminal BATTERY SIJ Negative terminal Switch module Ыl bl ы sw RC receiver 0 0 0 0 br To speed controller

#### +49 3675 7333 343

Service-Hotline for Germany: Mo - Do 8 -12 Uhr & 12.30 -16 Uhr // Fr 8 -12.30 Uhr CARSON-Model Sport // Abt. Service // Mittlere Motsch 9 // 96515 Sonneberg

## **Documents / Resources**



Manuals+,