LGB documents provided courtesy of:

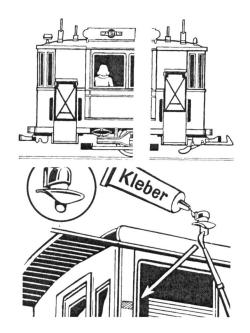
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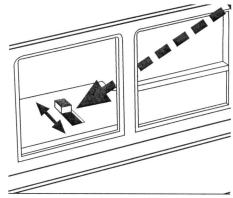
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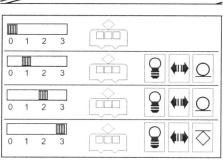
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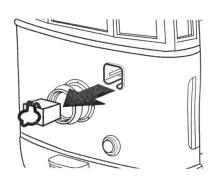


Bild 1 & 2, Plattformgitter & Blinker Fig. 1 & 2, Plattform grill & blinker

Img. 1 & 2, Grille de plate-forme & clignotants
Afb. 1 & 2, Bordesrooster en richtingaanwijzer
Fig. 1 & 2, Rejillas de andén y de intermitentes

Figura 1 & 2, Ringhiere della piattaforma & lampeggianti

Bild 3 & 4, Betriebsartenschalter Fig. 3 & 4, Power control switch

Img. 3 & 4, Modes d'exploitation Afb. 3 & 4, Bedrijfssoorten schakelaar

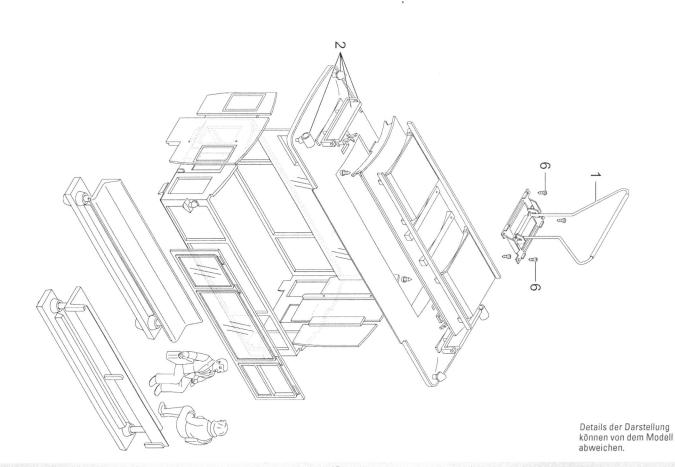
Fig. 3 & 4, Selector de modo de funcionamiento Figure 3 & 4, Commutatore del tipo di esercizio

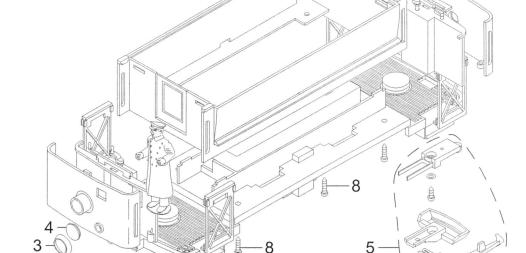
Bild 5, Mehrzweck-Steckdose Fig. 5, Multi-purpose socket Img. 5, Douille à usages multiples

Afb. 5, Universele stekerbus Fig. 5, Enchufe multiuso

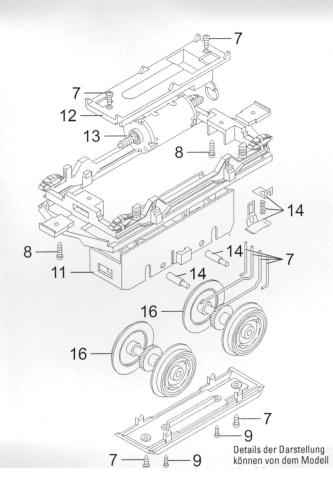
Figure 5, Presa a innesto per uso promiscuo

16



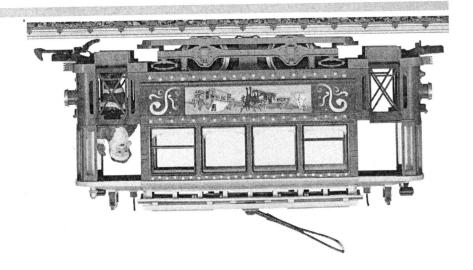


Details der Darstellung können von dem Modell abweichen.



1	Lyra-Bügel kompl.	E129 333
2	Glocke, Linientafel, Blitzhörner	E253 173
3	Lampenringe	E241 066
4	Laternenglas	E125 992
5	Aufnahmeplatte mit Haken	E136 020
6	Schraube	E129 265
7	Schraube	E124 197
8	Schraube	E124 205
9	Schraube	E124 010
10	Beilagscheibe	E131 781
11	Getriebemittelteil	E126 006
12	Getriebe-Deckel, Boden	E185 962
13	Motor	E126 050
14	Schleifschuh u. Kohle	E171 326
15	Kontaktdrähte	E177 051
16	Radsatz	E132 024
	Beipack Blinker, Bühnentüren	E252 798

Hinweis: Einige Teile werden nur ohne oder mit anderer Farbgebung angeboten. Teile, die hier nicht aufgeführt sind, können nur im Rahmen einer Reparatur im Märklin-Reparatur-Service repariert werden. Bitte berücksichtigen Sie, dass die Ersatzteile zu diesem werkseitig gealterten Modell nur im nicht gealterten Zustand verfügbar sind.





Due to different legal requirements regarding electro-magnetic compatibility, this item may be used in the USA only after separate certification for FCC compliance and an adjustment if necessary. Use in the USA without this certification is not permitted and absolves us of any liability. If you should want such certification to be done, please contact us—also due to the additional costs incurred for this.



Safety Notes

- · This model may only be used with the operating system designed for it.
- Use only switched mode power supply units and transformers that are designed for your local power system.
- This locomotive must never be supplied with power from more than one power pack.
- Pay close attention to the safety notes in the instructions for your operating system.
- Not for children under the age of 15.
- WARNING! Sharp edges and points required for operation.

Important Notes

- The operating instructions are a component part of the product and must therefore be kept in a safe place as well as included with the product, if the latter is given to someone else.
- · The warranty card included with this product specifies the warranty conditions.
- Please see your authorized LGB dealer for repairs or spare parts.
- Disposing: www.maerklin.com/en/imprint.html

Functions

- This model is designed for operation on LGB two-rail DC systems with conventional LGB DC train controllers or power packs (DC, 0 - 24 volts).
- Factory-installed multiple protocol decoder (DC, DCC, mfx).
- The model is programmed with locomotive address 03 for use with the LGB Multi Train System (DCC). The locomotive is automatically recognized in operation with mfx.
- Volume can be changed for the sound effects
- The built-in sound functions come from the factory inactive for analog operation.
- The functions can be activated only in parallel. Serial activation of the functions is not possible (Please note here the instructions for your controller).

Note: Use a locomotive controller with more than 1 amp of train current for this model.

Preparation

Platform Grills: Platform grills are included. The grills are inserted into the car bodies in front of the steps (Fig. 1).

Direction Indicator (Blinker): Non-working blinker detail parts are included. They can be installed on the car with the cement included with the set. The position of the blinker is indicated by the bumps at the corners of the car body (Fig. 2).

Mode of Operation Switch

This model can draw power from the catenary or from the track. There is a four-position mode of operation switch inside the streetcar (Fig. 3). This can be reached through the open window.

The mode of operation switch offers the following functions (Fig. 4):

Position 0: Stopped on a siding with no power

Position 1: Power from the track, motor and lighting (front and rear) turned on

Position 2: Power from the track, motor and lighting (only at the front, without a red marker light) turned on

Position 3: Power from the catenary, motor and lighting (including a red marker

light) turned on. Power Supply from Catenary

This streetcar can takes its power from the LGB catenary (see modes of operation). There is a red dot on the underside of the model. Place the model on the rails so that the red dot is pointing to the rail that is not connected to the catenary power pack. **CAUTION!** Catenary may only be used to supply power in analog operation. The model must be supplied with power by means of the rails in digital operation with the LGB multiple train system. Otherwise, dangerous voltages could be generated.

Lighting

The lighting for this model changes with the direction of travel: A white lamp lights up on the front, and a red marker light lights up in the rear. The marker light can be turned off (see modes of operation) when operating this streetcar with a trailer car.

General-Purpose Socket

This model has a general-purpose socket at both ends for flat plugs (Fig. 5). You can connect LGB cars with lighting or with a sound effects circuit to the track voltage by means of this socket. Remove the cover from the socket to do this.

6

SERVICE

Lubrication

The axle bearings should be lubricated occasionally with a small amount of Märklin-Oil (7149).

Changing Light Bulbs

Front/Rear Lamp: Remove the ring on the outside of the lamp glass. Carefully lift the glass from the light. Pull the plug-in light bulb from the socket with the help of a pair of tweezers. Insert the new light bulb. Put the model back together.

Interior Lighting: Carefully slide the roof to the front or to the rear and remove it. Pull the plug-in light bulb from the socket with the help of a pair of tweezers. Insert the new light bulb.