

## Electric locomotive class 187, LTE

**PRIVAT**

Epoch: VI

14+



Art. No.: 738903



€179,90

Electric locomotive class 187 of the LTE Logistik- und Transport-GmbH (LTE). Epoch VI.

New 2017 design !

Model in true to the original livery and lettering. In-plane applied windows. Metal die-cast chassis. 5-pole motor with flywheel. Drive on four axles and two traction tyres. Interface according to NEM 662 (Next18) to adapt a decoder. Coupler pocket according to NEM 355 standards and close coupler motion link.

White and red LED triple headlights that change with the direction of travel. The headlights can be partially or even entirely switched off with contact plates.

Prototype: The new Bombardier multi-purpose locomotives distinguish themselves clearly from their previous models, and that not only because of the redesigned body of the locomotive. The 187 series was presented as the first version of the current Traxx 3 series by the manufacturer at the Transport and Logistics Trade Fair in Munich in May 2011. This is a locomotive equipped for the use with 15 kV 16.7 Hz and 25 kV 50 Hz alternating current. It has also a 180 kW diesel auxiliary motor that enables the locomotive to drive even on sections without catenaries( "Last Mile"). In diesel operation, all four motors are driven and therefore the starting traction force is as high as in the case of electrical operation. Without hauled load, the locomotive BR 187 with its diesel motor can reach a top speed of 60 km / h; A 2000 tons heavy train can even be accelerated up to 40 km / h. The diesel auxiliary motor has a cubic capacity of 7.150 cm<sup>3</sup> and meets the most stringent exhaust gas standards. The tank capacity of 400 liters is sufficient to last in Diesel operation for up to eight hours. Short distances can also be covered with the built-in battery. The change from electrical traction to diesel traction can be made while driving. Bombardier supplies the locomotives on request - as for the DB AG orders, for example - without the "Last Mile" package. For the first time, the side surfaces of an electric locomotive have been equipped with a device for clamping tarpaulins on which promotion campaigns can be launched.

### Specifications:

#### General data

Number of driven axles	4
Traction tyres	2
Coupling	NEM shaft 355 with close coupling mechanism
Flywheel	yes

#### Electrical

## Electrical

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Motor	5-pole motor
Interface	Electrical interface for traction units Next18
Head light	Two direction dependent tail lights and dual headlights.
LED head light	yes

## Measurements

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Length over buffer	118 mm
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