

Electric locomotive 103 109-5, DB



Epoch: IV

14+



Art. No.: 70212



Electric locomotive 103 109 of the Deutsche Bundesbahn.

- Version with short driver's cab and scissors pantographs
- Ventilation band with silver contrast areas
- The headlights can be completely or partially switched off with a DIP switch
- Perfectly matches the "TEE Roland"
- Z21 driver's cab available!

The Trans-Europ-Express is named after the symbol of the city of Bremen "Roland" and it first operated as a long-distance express train on the lines between Bremen and Frankfurt. The "TEE Roland" was designed to operate for the 1969 summer timetable due to the fact that the F 46/47 was given a higher classification. At the time it was connected with the network of the SBB in Basel and its operation area as a consequence was extended to Milan. At 1,183.7 km, the train was able to cover the longest distance among all TEE trains.

Specifications:

General data

Coupling	NEM shaft 362 with close coupling mechanism
Minimum radius	358 mm
Number of axles with traction tyres	2
Number of driven axles	6
separate etched plates	yes
Z-21 Cab	yes
Flywheel	yes

Electrical

Interface	Electrical interface for traction units PluX22
Head light	3 headlight, dependent on the direction of travel/2 tail lights, dependent on the direction of travel
LED head light	yes
Additional light function	yes

Measurements

Length over buffer

224 mm
