

PIKO Electric locomotive E.428 FS III

Detailed drive axles and bogies



Distinctive front area



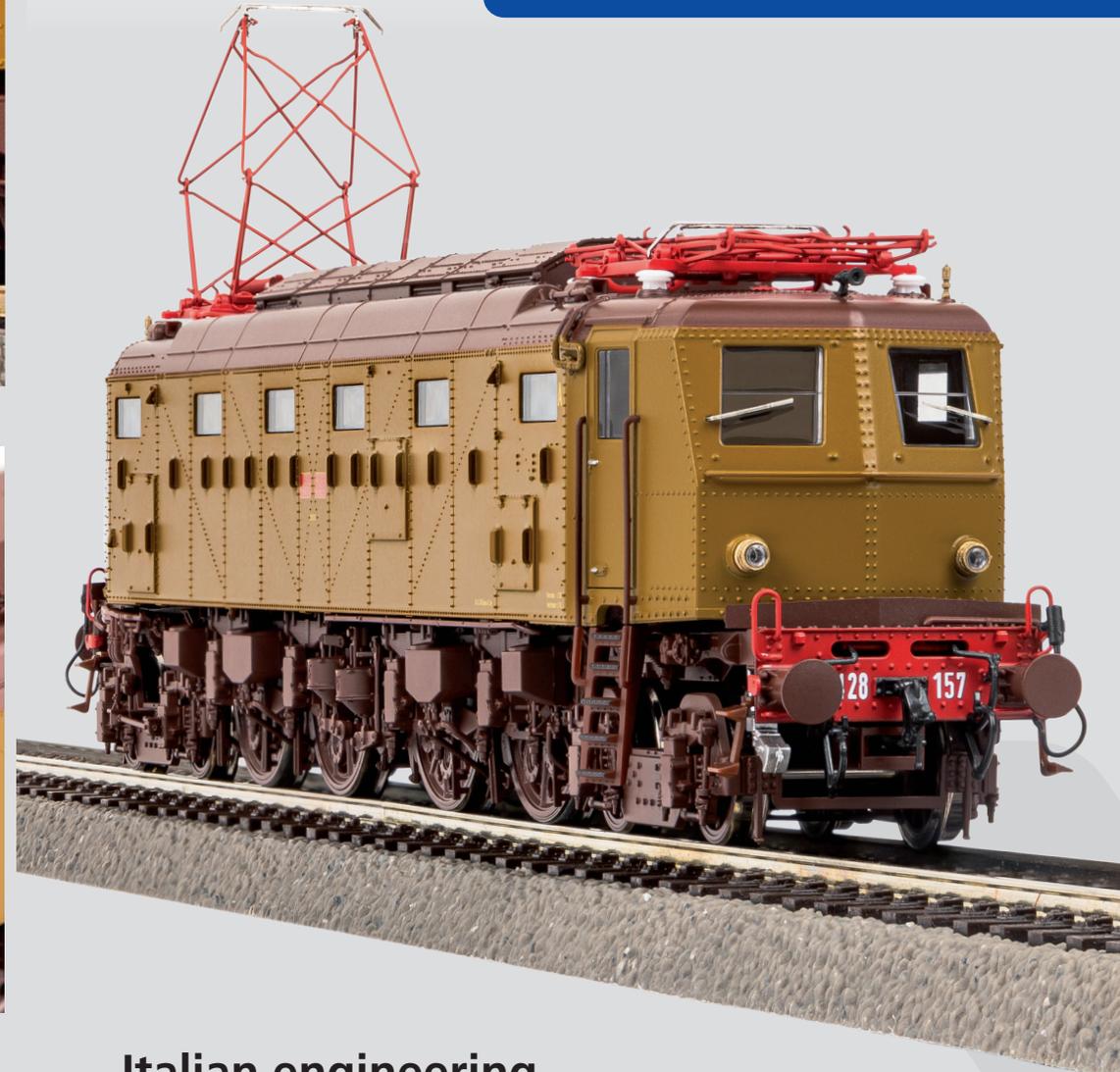
Fine metal pantographs



PIKO vehicle
information
04/2024



Electric loco E.428 FS III



Italian engineering
in 1:87 scale from PIKO!



Photo: Hans Rosenberger

With the start of DC electrification of the Italian rail network in the late 1920s, the Italian state railroad needed new, powerful electric locomotives. As a further development of the E.326 series, the high-performance E.428 locomotives were created, of which a total of 242 units were produced in three different series between 1934 and 1943. In the course of time, the area of operation of the universally used machines extended over the entire Italian mainland. The locomotives of the three series can be clearly distinguished from one another: The first 122 machines had a central body with two lower front ends in front of the driver's cabs. The second, semi-aerodynamic series (E.428 123 - 203) followed the contemporary trend towards streamlining and was characterized by a closed locomotive body with driver's cabs set forward. In the third series, the body and front were joined together in an even more aerodynamically favorable form. Between 1934 and the commissioning of the E.646 in 1958, the E.428s were the most powerful locomotives in the FS fleet. Their service finally came to an end in 1989.

Our prototype: E.428.157 (second series), from the Milan depot in Era III condition

INFO

- Filigree chassis area
- Prototypical locomotive details
- Detailed roof garden with fine pantographs
- Solid drive technology
- Mold making at the highest level
- Digital versions with switchable lighting functions

The Italian E.428 is also a stunning appearance in the model: The elongated locomotive body and the massive forward bogies characterize the image. These attributes and the strikingly designed front are perfectly reproduced by the PIKO model on a scale of 1:87. The side surface is structured by fine rivet strips and the flush-mounted engine room windows. A powerful five-pole motor works in the housing and develops its power on all four driving axles. Two precisely balanced flywheels further enhance the running characteristics and help to overcome minor contact problems with the tracks. The models equipped with a digital decoder at the factory have various lighting functions, for example in the engine room or in the driver's cabs. A modern PluX22 interface makes it easy to retrofit a digital decoder. The models fitted with a sound decoder at the factory bring the authentic driving sound of the E.428 convincingly to the H0 tracks.

After the E.428.137 (#97460), the first large series model of the „semiaerodynamica“, was released for the Italian market in 2023, PIKO presents the E.428.157, a prototypical version for the international model railway market one year later.

Model variation

2024



Electric locomotive E.428 FS III

- 97464 DC
- 97465 DC, incl. PSD XP S and **PIKO TrainSound®** onboard
- 97466 AC, incl. PSD XP S and **PIKO TrainSound®** onboard

NEW



The PIKO AC sound model of the 2024 E.428 bears the „fits mfx®“ certificate. This certifies the unrestricted mfx® functionality. PIKO models with this logo fully support the various mfx® functions and can be used reliably with all current Märklin digital command stations.