

ALBERT MODELL

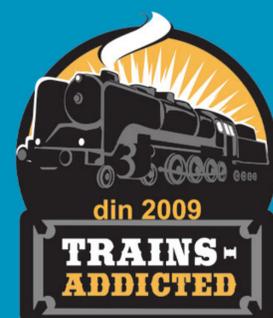
Meticulously crafted miniature models for demanding collectors



LDH 1250 Diesel-hydraulic Locomotive

Novelty 2024
HO scale

Exclusivity



2024 novelty

LDH 1250 Diesel-hydraulic Locomotive

The CFR LDH 1250 series is a diesel-hydraulic universal locomotive with a single driver's cab, built for the Romanian State Railways (Căile Ferate Române, CFR) by "Uzinele 23 August", formerly known as "Uzinele Malaxa" and later "FAUR S.A.", a company based in Bucharest. The locomotive was created using components and subsystems from various Swiss, Austrian, and German companies, later incorporating licensed production. Over 600 units were built for CFR in various configurations. In the current CFR numbering system, the base type is designated as Class 80, the version without a steam boiler as Class 81, the broad gauge version as Class 84 and Class 88. Several units were modernised for electric train heating (Class 82, 83, 84II and 89) and re-powered with Caterpillar (Class 82) or MTU (Class 83) engines.



Technical specifications:

Wheel arrangement: B'B'
Track gauge: 1'435 mm
Length over buffers: 13'700 mm
Height: 4'640 mm
Width: 3'070 mm
Wheelbase: 9'700 mm
Wheel diameter: 1'000 mm

Maximum power: 919 kW (1250 HP)
Maximum speed: 100 km/h
Service weight: 68 t
Minimum curve radius: 100 m
Engine type: Sulzer 6 LDA 28,
six-cylinder vertical inline
Transmission: Voith

Source: Dr2005 - wikipedia.org

Model highlights

White/red LED lights depending on the direction of travel
White/blue LED lights for manoeuvring mode*

Central LED headlight independently controllable*

Cabin light, independently controllable*

NEM 658 digital interface (*Plux22*), integrated **powerpack** and **function decoder** (*allows independent operation of all lights in digital mode*)

Metal body & chassis



All-wheel drive, five-pole motor with flywheel and cardan transmission

Equipped with a **speaker** and a resonance box

Wheels with fully **metallic spokes**

NEM 362 **close coupling**

*in digital mode

CFR - LDH 1250 locomotive

 Romania | Era: VI | Registration number : 92 53 0800 080-9

Albert Modell 080006

 2-rail

Expected availability: **May 2024**



 HO (1:87) |  158 mm |  358 mm |  NEM 362

 Metal frame and mostly metal body |  5-pole motor |  Number of driven axles / 4x

 PluX22 interface (NEM 658) |  Energy storage: buffer capacitor for an uninterruptible power supply

 Triple headlights and two red taillights alternating with the direction of travel |  Manoeuvring mode (*in digital)

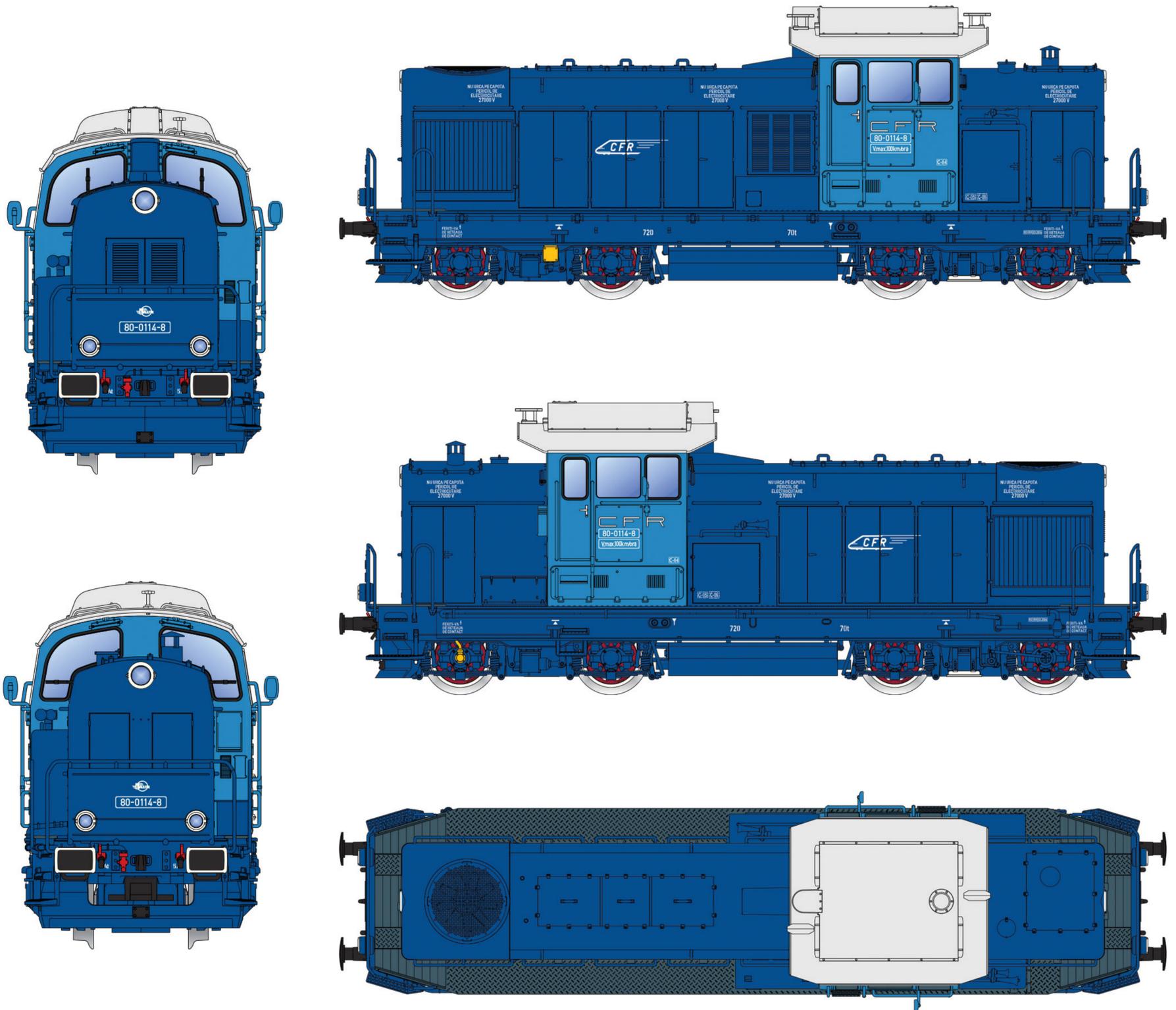
CFR - LDH 1250 locomotive

 Romania | Era: V | Registration number : 80-0144-8

Albert Modell 080007

 2-rail

Expected availability: **May 2024**



 HO (1:87) |  158 mm |  358 mm |  NEM 362

 Metal frame and mostly metal body |  5-pole motor |  Number of driven axles / 4x

 PluX22 interface (NEM 658) |  Energy storage: buffer capacitor for an uninterruptible power supply

 Triple headlights and two red taillights alternating with the direction of travel |  Manoeuvring mode (*in digital)

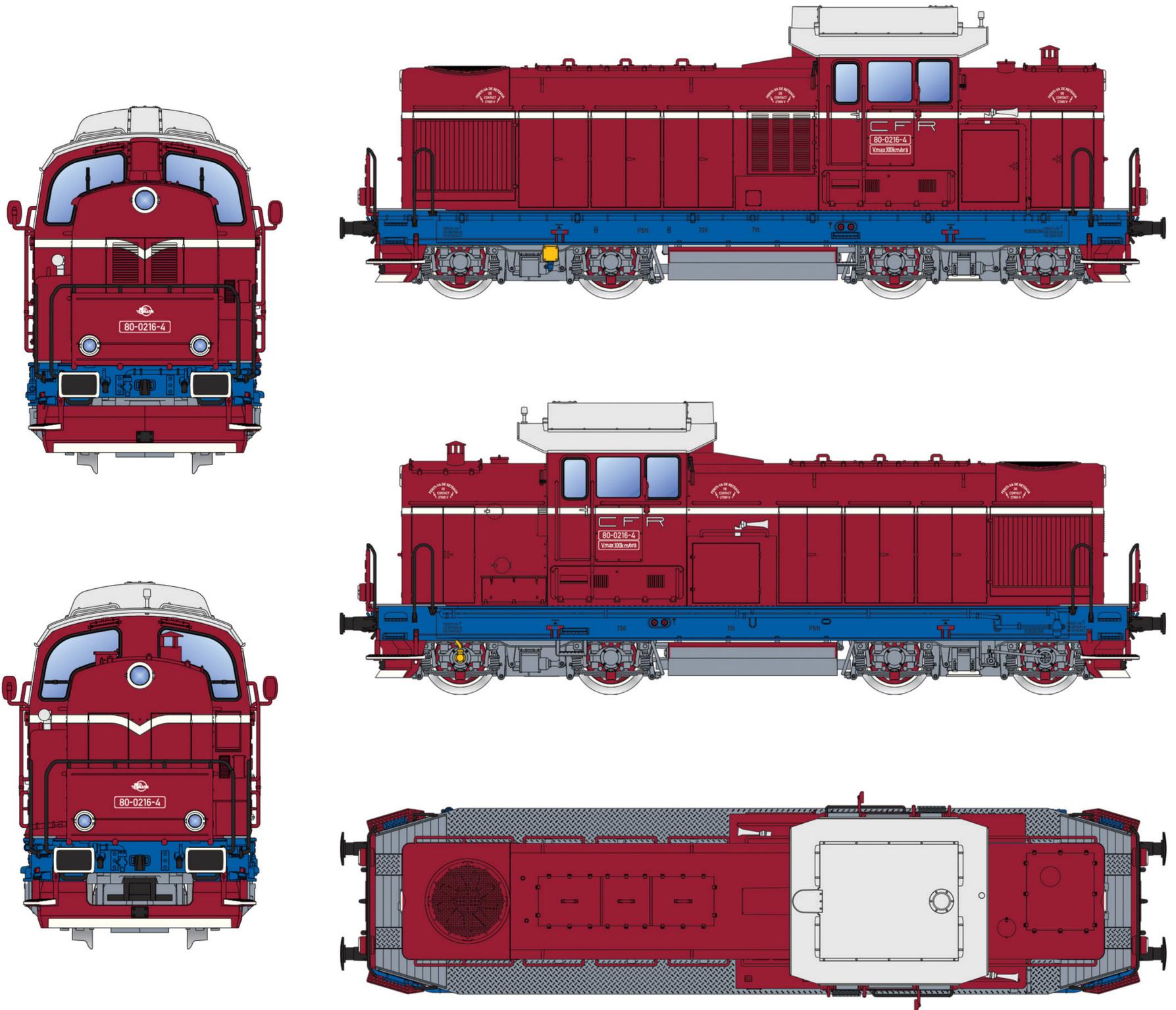
CFR - LDH 1250 locomotive

 Romania | Era: IV | Registration number : 80-0216-4

Albert Modell 080008

 2-rail

Expected availability: **May 2024**



 HO (1:87) |  158 mm |  358 mm |  NEM 362

 Metal frame and mostly metal body |  5-pole motor |  Number of driven axles / 4x

 PluX22 interface (NEM 658) |  Energy storage: buffer capacitor for an uninterruptible power supply

 Triple headlights and two red taillights alternating with the direction of travel |  Manoeuvring mode (*in digital)

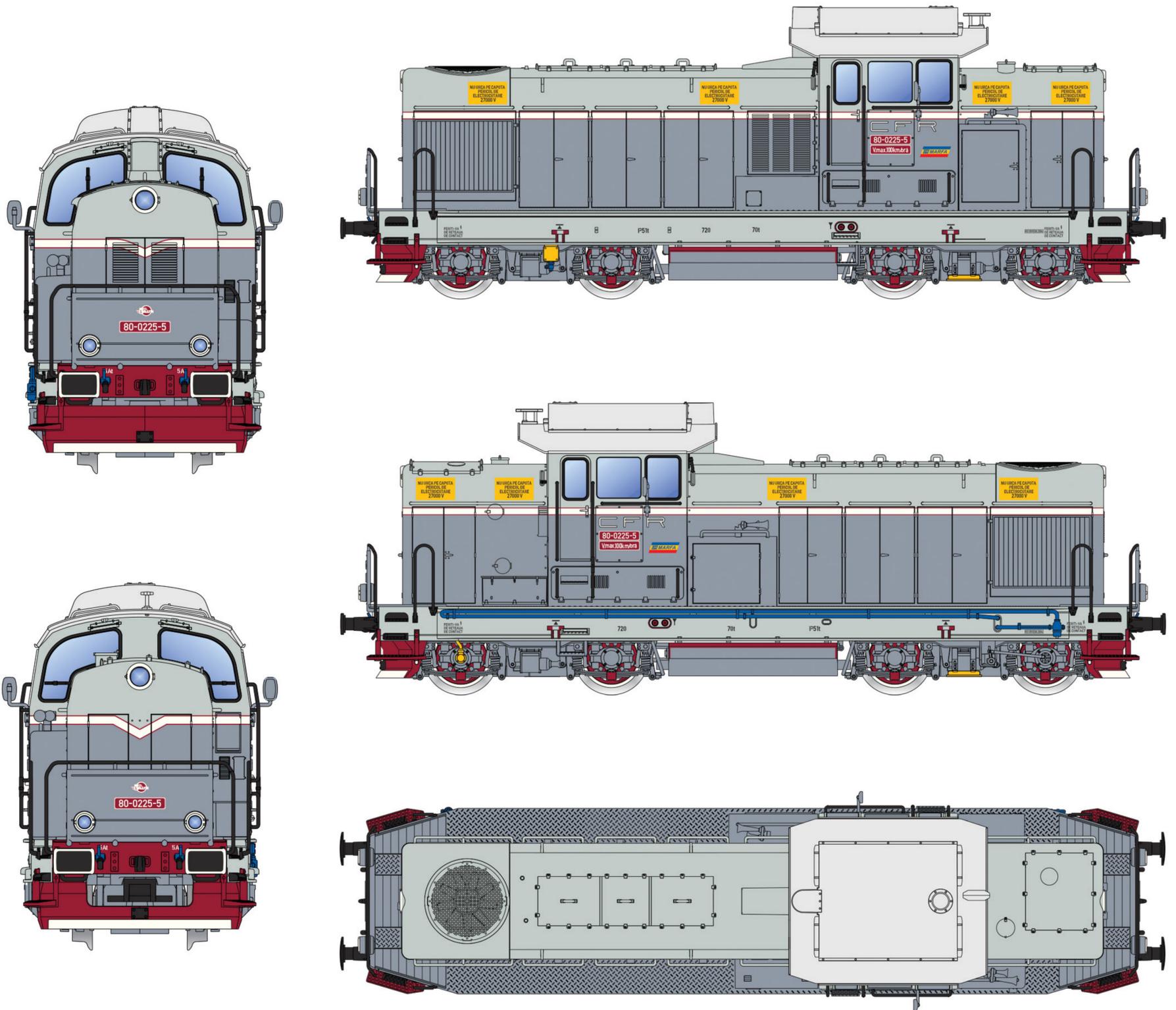
CFR - LDH 1250 locomotive

 Romania | Era: V | Registration number : 80-0225-5

Albert Modell 080009

 2-rail

Expected availability: **May 2024**



 HO (1:87) |  158 mm |  358 mm |  NEM 362

 Metal frame and mostly metal body |  5-pole motor |  Number of driven axles / 4x

 PluX22 interface (NEM 658) |  Energy storage: buffer capacitor for an uninterruptible power supply

 Triple headlights and two red taillights alternating with the direction of travel |  Manoeuvring mode (*in digital)

CFR - LDH 1250 locomotive

 Romania | Era: IV | Registration number : 80-0310-5

Albert Modell 080010

 2-rail

Expected availability: **May 2024**



 HO (1:87) |  158 mm |  358 mm |  NEM 362

 Metal frame and mostly metal body |  5-pole motor |  Number of driven axles / 4x

 PluX22 interface (NEM 658) |  Energy storage: buffer capacitor for an uninterruptible power supply

 Triple headlights and two red taillights alternating with the direction of travel |  Manoeuvring mode (*in digital)

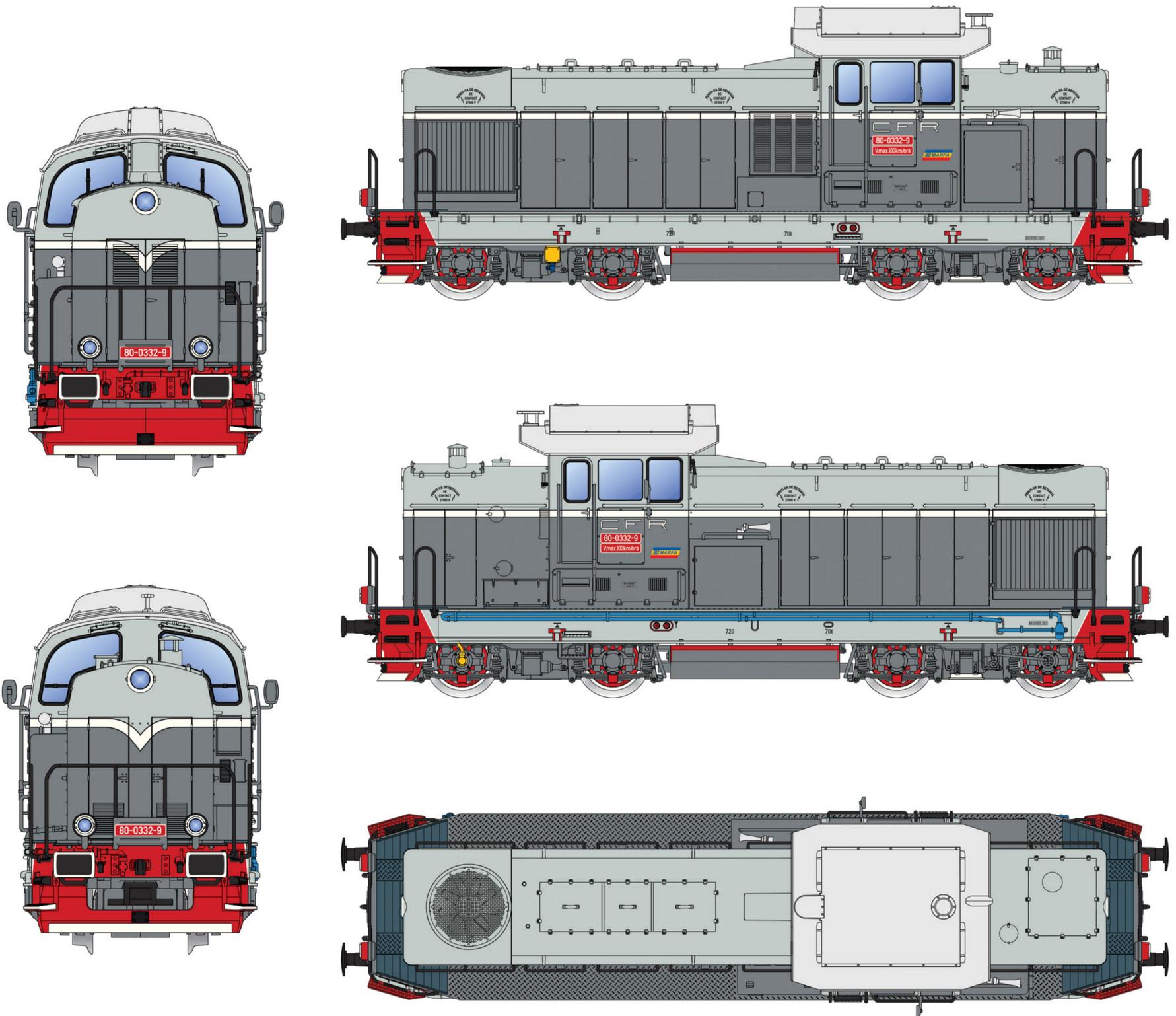
CFR - LDH 1250 locomotive

 Romania | Era: V | Registration number : 80-0332-9

Albert Modell 080011

 2-rail

Expected availability: **May 2024**



 HO (1:87) |  158 mm |  358 mm |  NEM 362

 Metal frame and mostly metal body |  5-pole motor |  Number of driven axles / 4x

 PluX22 interface (NEM 658) |  Energy storage: buffer capacitor for an uninterruptible power supply

 Triple headlights and two red taillights alternating with the direction of travel |  Manoeuvring mode (*in digital)

ALBERT MODELL

About us

The history of our company

Established in 2014, Albert-Modell has swiftly emerged as a known name in the world of model railway manufacturing. Our international presence, which commenced in 2017, marks a significant milestone in our journey. At Albert-Modell, our primary focus rests on producing exquisitely detailed models of Eastern European freight wagons, alongside an impressive range of diesel locomotives, but our range includes more and more models from countries like Germany and Switzerland.

Our philosophy is anchored in the belief that model-making is an art that demands precision, detail, and affordability. We strive to blend these elements, offering our clients high-quality, intricately designed models at a price that respects their passion and investment in this hobby.

Our products are crafted not merely as toys, but as collectibles, with a dedication to craftsmanship.

We pride ourselves on producing models in limited quantities, ensuring that each piece we create is not just a model but an elegant representation of the original. This approach underlines our commitment to quality over quantity, making our models sought-after items for collectors and enthusiasts who value exclusivity and authenticity.

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