



The conversion programmes for 3yg- and 4yg coaches allowed the German Federal Railway to address the shortage of coaches caused by the war for the first time from the mid-1950s. However, the construction programmes were limited initially to developing urban rapid transit and express train coaches. Following this, the German Federal

Railway created capacity for developing new commuter coaches (n-coaches). The constantly growing demand for increased traffic volume and the fact that the 3yg had only been designed for a short service life, led to the appearance of the first prototypes for the new n-coaches in 1958. Based on the findings of the preceding new developments and prototypes, three basic types emerged with five 1st class compartments in the centre of the coach and two large 2nd class cabins (AB4nb), three large 2nd class cabins (B4nb) and two large 2nd class cabins and baggage compartment with space for the train conductor (BD4nf). Although prototypes had also been trialled with side panels made from aluminium, standard steel and corrugated side walls, metal panelling made from stainless steel (V2A) was eventually chosen for mass production. Since the coach paintwork corrosion protection was not required for this material, the n-coaches were abraded under the windows using a peacock eye pattern. This abrading pattern and the silver surface of the V2A quickly earned the n coach the distinctive nickname "Silberlinge".

Except for a few models fitted with lightweight design Minden-Deutz bogies, the n-coaches were fitted with block brakes (MD42), which were replaced with disk brakes (MD43) in later series. In order to change passengers as quickly as possible, the otherwise common end entrances were abandoned and positioned approximately a third of the way along the coach as double entrances with hinged-folding doors. The basic design of the n-coach proved so successful that between 1960 and 1980 a total of about 5000 coaches were constructed by different coach manufacturers as well as at the Karlsruhe and Hannover refurbishment facilities (Aw). At first, conditions

in the extremely cramped conductor's space in the BD4nf were less than ideal, and it was soon nicknamed the "rabbit hutch" by staff, leading to discontent and safety concerns. As a result, Aw Karlsruhe rebuilt the conductor's cab, producing a control car in 1972 with a fully-fledged conductor's cab without any through access to the next coach. These changes meant that the Karlsruhe version differed significantly from the previous "rabbit hutch" with its passageway between the coaches.

- True-to-original construction differences
- Different roof designs with accurate Reproduction of welding seams
- Accurate reproduction of Minden-Deutz MD 42 or MD 43 light bogie
- Complete replica of brake unit
- Multi-part interior fittings corresponding to the period
- Short-coupling

- Different wagon floors with different heating types
- Axle bearing in metal axle brackets
- Reproduction of tangential corrugated metal wheels
- Precisely fitted windows corresponding to the period
- Details engraved in high definition



CLASSICS OF LOCAL TRANSPORT



Passenger Coach ABnrb⁷⁰⁴ DB Road no. 50 80 31-45 301-4





2ND CLASS COAC



Passenger Coach Bnrzb⁷²⁵ DB Road no. 50 80 22-33 515-4



HES

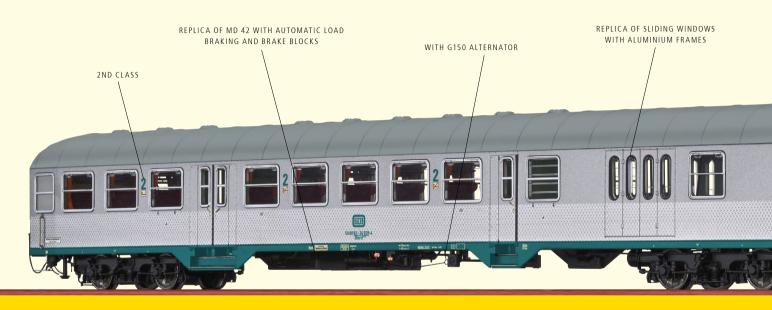




Passenger Coach Bnrzb⁷²⁵ DB Road no. 50 80 22-34 308-3







Control Car BDnrzf⁷³⁹ DB Road no. 50 80 82-34 028-4









AEG aus Erfahrung gut



Tank Car Uerdingen 2-axles Z [P] "AEG" DB Road no. 512 648 [P]

Order no.

49628



DELIVERY DATE: END OF Q2/2023

RRP* 42,50 EUR

- Bogie with three-point support
- Individually mounted axle box cover
- Individually mounted wheelchocks
- Individually mounted brake systems
- Finely engraved bogies
- Brake blocks in wheel plane
- Individually mounted axle brake rod
- Free standing handle bars



Tank Car Uerdingen 4-axles Z [P] "AEG" DB Road no. 512 650 [P]



DELIVERY DATE: END OF Q4/2023

RRP* 44,90 EUR

- Bogie with three-point support
- Individually mounted wheelchocks
- Individually mounted brake systems
- Metal wheels

- Finely engraved bogies
- Brake shoes in wheel plane
- Individually mounted axle brake rod



TRANSPORT TALENT FOR BULK GOODS SHOWERED WITH DETAILS



Open Freight Car Otmm70 DB Road no. 648 003



- Metal axle holders
- Bogie with three-point support
- Individually mounted brake system
- Brake blocks in wheel plane
- Many separately mounted parts

- Individually mounted axle box cover
- Free standing ladders
- Individually mounted railing
- Replica of the supports in the funnel

SUDZUCKER





Container Car Uacs⁹⁴⁶ "Südzucker" DB Road no. 21 80 090 5 002-1 [P]



DELIVERY DATE: END OF Q2/2023

RRP* 64,90 EUR

- Open view between the containers
- Brake blocks in wheel plane
- Individually mounted steps
- Individually mounted axle brake rod
- True to original brake unit
- NEM-standard short-coupling
- Individually mounted container cover and valves



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