

Electric locomotive 193 398-5, DB AG



Epoch: VI

14+



Art. No.: 79933

€294,90

Electric locomotive 193 398 of the Deutsche Bahn (DB Cargo).

- True to original raised control panel of the driver's cab, adaptive dampers on the bogies and long shunter's steps
- The model is used for the international goods traffic
- Freestanding handles, partially made of metal
- In digital mode, with switchable high beam and individually switchable headlights and taillight
- Sound development in cooperation with Leosoundlab

Because of the increasing demand for goods trains, the DB Cargo also ordered Vectron locomotives. The first machines were delivered in 2017. For the first time after the timetable change in 2018/2019, the DB Cargo trains are able to run any conceivable distance nonstop - without the necessity of changing locomotives on the route - for example on the lines from Rotterdam to Verona. The goods transport division of the DB AG currently has more than 100 registered locomotives of this class in the vehicle fleet. The locomotives have a power output of 6.4 Megawatts and can reach a top speed of 160 km / h. They are equipped with the required national train control systems and with the European Train Control System ETCS.

Specifications:

General data

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|-------------------------------------|---|
| Number of axles with traction tyres | 1 |
| Number of driven axles | 3 |
| Coupling | NEM shaft 362 with close coupling mechanism |
| Minimum radius | 358 mm |
| Flywheel | yes |

Electrical

| | |
|-----------------|--|
| Digital decoder | PluX22 |
| Sound | yes |
| Interface | Electrical interface for traction units PluX22 |
| Head light | Two direction dependent tail lights and dual headlights. |

Electrical

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|---------------------------|-----------------------|
| Buffer capacitor | yes |
| Interior lighting | Yes |
| Interior lighting | LED |
| Interior lighting | Digital switchable |
| Interior lighting | Driver's cab lighting |
| Motor | 5-pole motor |
| Additional light function | yes |
| LED head light | yes |

Measurements

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|--------------------|--------|
| Length over buffer | 218 mm |
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