

## Electric locomotive class 193, DB AG



Epoch: VI

14+



Art. No.: 739391

€274,90

Electric locomotive class 193 ("Vectron") of the Deutsche Bahn AG (DB AG). Epoch VI.

Model equipped with in-built load sensing digital decoder and true to the original sound functions from factory.

-Model with four pantographs

-The headlights of the locomotive can be partially or even entirely switched off with a microswitch

-Full beam

5-pole motor with flywheel. Drive on four axles and two traction tyres. Coupler pocket according to NEM 355 standards and guide mechanism. White and red LED triple headlights that change with the direction of travel.

Prototype: In August 2017, the Deutsche Bahn AG concluded a framework agreement with the company Siemens for up to 100 new multi-system locomotives for the DB Cargo. 60 locomotives were delivered immediately. The locomotives which are equipped with ETCS are intended to be used on the Rhine-Alpine corridor in Germany, Austria, Switzerland, Italy, the Netherlands and - from 2020 on - in Belgium.

### Specifications:

#### General data

Number of driven axles	4
Traction tyres	2
Coupling	NEM shaft 355 with close coupling mechanism
Flywheel	yes

#### Electrical

Digital decoder	DCC
Sound	yes
Decoder mode	DCC
Motor	5-pole motor
Interface	Electrical interface for traction units Next18
Head light	Two direction dependent tail lights and dual headlights.
LED lighting	yes

## Measurements

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Length over buffer

119 mm

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