

## Electric locomotive 193 318-3, DB AG



Epoch: VI

14+



Art. No.: 70316

€339,90

Electric locomotive 193 318 of the Deutsche Bahn.

- Model exclusively available at ROCO
- DB Cargo locomotive in "Backbone" design
- Use in the international goods traffic
- Freestanding handrails, partially made of metal
- In digital mode available with switchable high beam light and individually switchable headlights or tail lights
- Sound creation in cooperation with the company Leosoundlab

Usually, the locomotives of the freight division of the Deutsche Bahn are painted red. As part of the "I am" series of the DB Cargo, they have recently become much more colourful. In July 2020, another Vectron multi-system locomotive of class 193 was provided with self-promotion surfaces. Since then, it has been running on European rails and turned heads with their design "I am the backbone of the economy". The Corona crisis also made it clear: Rail freight transport is, in fact, the backbone of the economy.

### Specifications:

#### General data

Coupling	NEM shaft 362 with close coupling mechanism
Minimum radius	358 mm
Number of axles with traction tyres	1
Number of driven axles	4
Flywheel	yes

#### Electrical

Interface	Electrical interface for traction units PluX22
Head light	3 headlight, dependent on the direction of travel/2 tail lights, dependent on the direction of travel
Interior lighting	Yes
Interior lighting	LED

**Electrical**

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Interior lighting	Digital switchable
Interior lighting	Driver's cab lighting
Digital decoder	PluX22
Decoder type	MX645P22
Sound	yes
LED head light	yes
Additional light function	yes
Buffer capacitor	yes

**Measurements**

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Length over buffer	218 mm
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