

# Electric locomotive class 193, HUPAC



Epoch: VI  
14+

Art. No.: 79941 €299,99

Electric locomotive class 193 of the logistics company Hupac Intermodal.

- Model with rich detailing and four pantographs
- True to original model with long gutter and raised driver's cabs for the use in Italy.

The Swiss logistics company for combined transport "Hupac" has ordered eight freight locomotives of the type Vectron MS from Siemens. The multi-system vehicles enable Hupac's co-operators to act as global players and to couple the European economic areas through the new Gotthard Base Tunnel.

Since January 2019 the locomotives 193 490 and 491 have the official Hupac design.

Exclusive model for MC-Vedes!

## Specifications:

### General data

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	Light changes true to the Swiss original - direction dependent
LED lighting	yes
Buffer capacitor	yes
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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