

# Electric locomotive 193 258-1, SBB Cargo International



Epoch:	VI
	14+

Art. No.: 71955	€324,90
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Electric locomotive 193 258 from the European Locomotive Leasing (ELL) hired out to the SBB Cargo International.

- Finely detailed model with four pantographs
- Used in the international freight transport
- Freestanding handrails, partially made of metal
- In digital mode available with switchable light functions true to the original Swiss model
- Sound creation in cooperation with the company Leosoundlab

With the new flat trajectory line and the opening of the Gotthard Base Tunnel (GBT), the requirements in the Swiss freight transport changed significantly. Multi-system locomotives became indispensable for continuous traction of the trains from the North Sea to Italy. When the SBB Cargo International rented Vectron MS locomotives from the Viennese leasing company ELL Austria GmbH in 2017, an increase in efficiency was achieved. The engines feature equipment for service in Germany, Austria, Switzerland, Italy and the Netherlands (DACHINL).

## 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	Light changeover true to the Swiss original.
Interior lighting	LED
Interior lighting	Digital switchable
Interior lighting	Driver's cab lighting
Digital decoder	PluX22

**Electrical**

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Decoder type	MX645P22
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Sound	yes
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LED head light	yes
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Additional light function	yes
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Buffer capacitor	yes
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**Measurements**

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Length over buffer	218 mm
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