



VECTRON DUAL MODE LIGHT

# Keeps going where the wire ends

Boost efficiency and environmental compatibility in your transport and train formation tasks – using diesel drive only where it's unavoidable. With the Vectron Dual Mode light. The combination of diesel drive and equipment for using the overhead wire empowers you to respond flexibly at all times to your traction requirements.

[siemens.com/vectron-dual-mode](https://www.siemens.com/vectron-dual-mode)

**SIEMENS**

The Vectron Dual Mode light is the environmentally compatible solution for light freight services and train formation tasks. The Vectron Dual Mode light features a less powerful diesel engine than the Vectron Dual Mode as well as shunting platforms and automatic shunting couplers. The locomotive's lower mass also enables it to operate on railway sidings with a lighter track superstructure.

# The Vectron Dual Mode light at a glance

## TECHNICAL DATA

<b>Diesel engine power</b> (at the crankshaft)	950 kW, max. 1,119 kW
<b>Voltage system</b>	15 kV/ 16.7 Hz
<b>Starting tractive effort</b>	300 kN
<b>Traction power at the wheel rim</b>	Electric mode: max. 2,210 kW Diesel mode: 750 kW, max. 926 kW
<b>Electric braking effort</b>	150 kN
<b>Electric braking power at the wheel rim</b>	Electric mode: 2,210 kW Diesel mode: 1,000 kW
<b>Maximum speed</b>	120 km/h
<b>Wheelset arrangement</b>	Bo'Bo'
<b>Area of application</b>	Freight transport and train formation
<b>Vehicle length</b> (length over buffers)	19,975 mm
<b>Track gauge</b>	1,435 mm
<b>Fuel tank volume (usable)</b>	1,500 l
<b>Wheel diameter</b>	1,100 mm / 1,020 mm (new / worn)
<b>Weight</b> (max.)	84 t when fully loaded
<b>Double traction</b>	Via ÖBB WTB: with vehicles of the same type
<b>Train protection</b>	PZB, ready for ETCS
<b>Wheelset load</b>	21 t

### Published by Siemens Mobility GmbH 2021

Siemens Mobility GmbH  
Otto-Hahn-Ring 6  
81739 München, Germany  
locomotives.mobility@siemens.com

Article no. MORS-B10046-00-7600  
Printed in Germany  
Dispo 21715  
HL 20115949 WS 01210.0

Subject to changes and errors.

The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products.

The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

Vectron® is a registered trademark of Siemens Mobility GmbH.