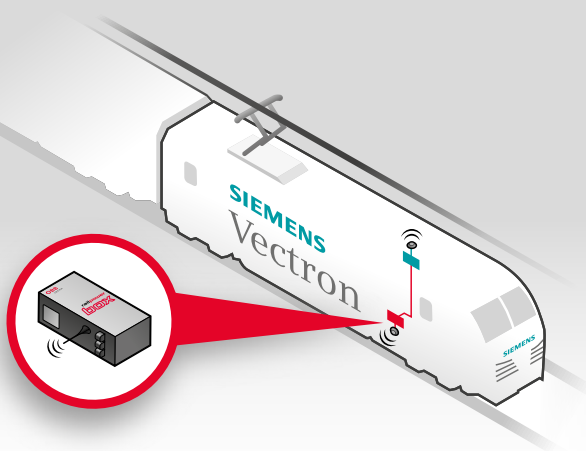


# Product Data Sheet

for the Siemens Vectron Series



- ✓ Specially developed and adjusted railpower box for the Siemens Vectron Series
- ✓ Ex work delivery of the locomotive including the railpower box
- ✓ Installation by specially trained Siemens technicians
- ✓ GPS signal from the RDA System of the locomotive
- ✓ GSM signal from the rod antenna in the vehicle

The railpower box is combining the Data Handling System (DHS) and the Energy Measuring Function (EMF) into one integrated energy metering solution. The EMF is measuring active and reactive power for consumption and feed. The Data Handling System is not just handling the data processing but also

includes the modem, GPS receiver and the power supply for all components. Energy Consumption is recorded by the railpower box - both reliable and precise, while GPS Data is provided from the installed Siemens RDA-Box. This combination makes it needless to install an additional roof antenna on the vehicle.

## APPLICABLE INTERNATIONALLY

- Developed in compliance with the current standards EN 50463, TSI ENE and TSI LOC & PAS
- Certified by a notified body and approved throughout Europe
- Data Exchange via UTIL-TS or other country-specific formats with European railway infrastructure providers.



## COMPREHENSIVE SERVICE



Engineering



International Service



Admission



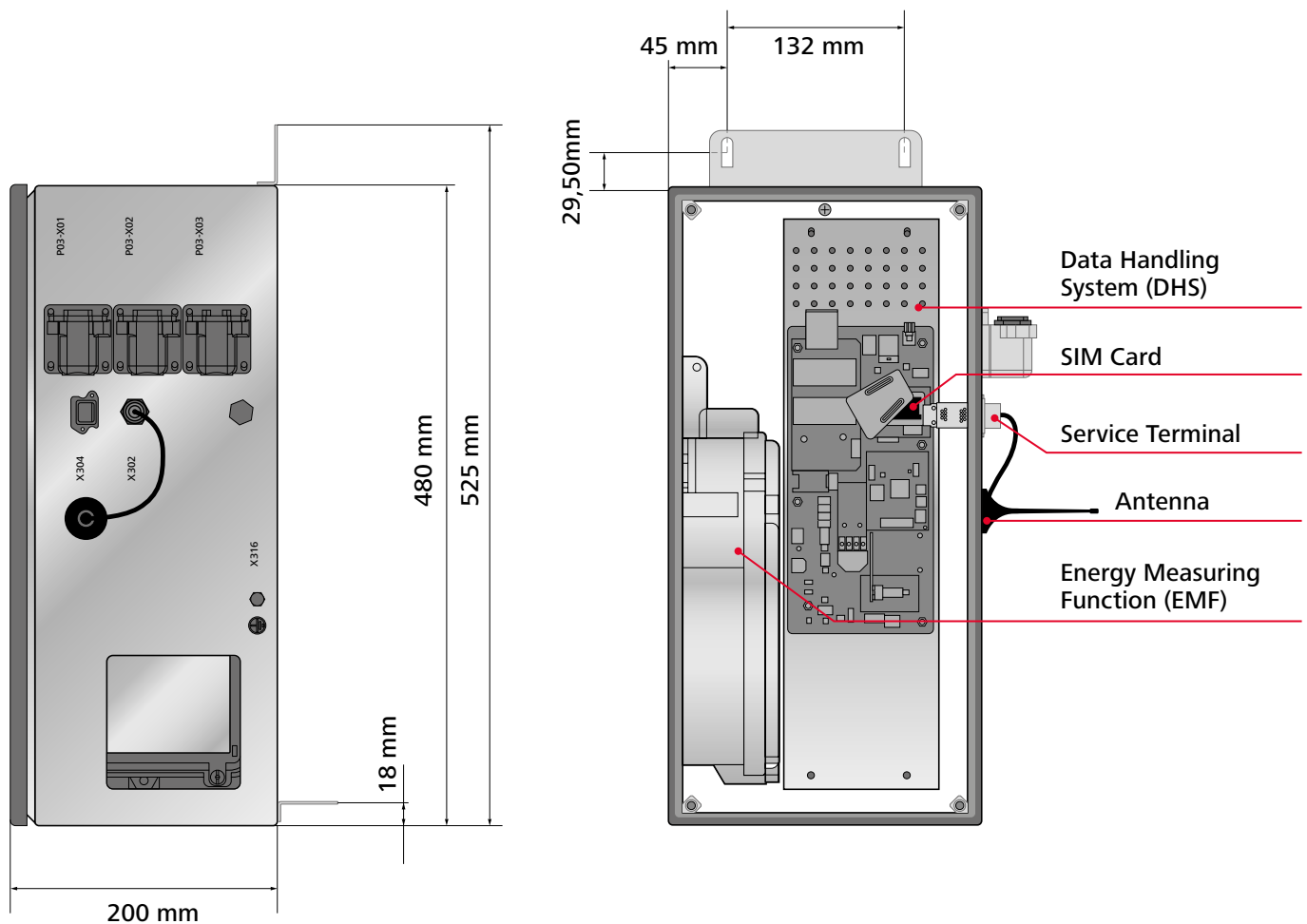
International Data Exchange



Prototype Installation



## DIMENSIONS



## TECHNISCHE DATEN

<b>Supply Voltage</b>	24 V	<b>Protection marking</b>	IP 20
<b>Typical Power Consumption</b>	20 W (max.)	<b>GPS</b>	1 Hz measuring interval, positioning data from RDA-Box via RS232
<b>Dimensions (LxWxH)</b>	525 mm x 277,5 mm x 200 mm	<b>GSM</b>	GSM/GPRS/EDGE: Quad band, 850/900/1800/1900 MHz
<b>Weight</b>	14,25 kg	<b>Material housing</b>	Galvanized steel
<b>Ports</b>	Antenna: GSM, 3 connectors for power supply plus measurement inputs Harting „HAN 13 HPR“ and „HAN-Brid Quintax 3A“ connector, network connection Harting Pushpull IP 67	<b>Energy meter</b>	5 min. registering periods Supported energy meters: LEM EM4TII

Distribution of the railpower box is exclusively done by ÖBB-Infrastruktur AG.

### FURTHER INFORMATION AND CONTACT

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