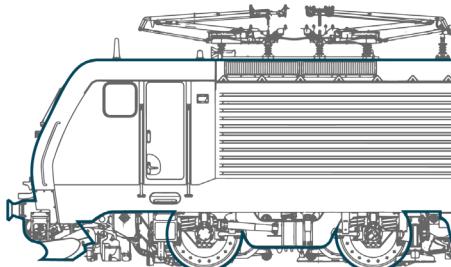
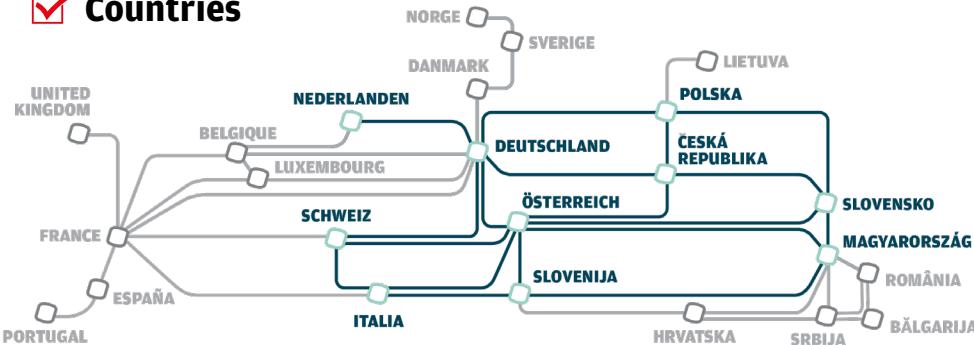


EUROSPRINTER

B 189

Countries



Main technical data

Manufacturer Siemens

Continuos rated power 6,400 kW

Maximum speed 140 km/h

Starting tractive effort 300 kN

Continuous tractive effort 270 kN

Weight in working order 87 t

Wheel arrangement Bo'Bo'

Clearance gauge UIC 505-1

Length 19.580 m

Traction motors 4 motors

Electric braking 150 kN

Multiple unit operation Yes

Name ES64F4 variant VD

Homologations D-A-I-SI

Year of construction 2009

Electric power supply 15 kV 25kV 1,5kV 3kV

Safety systems ETCS L2/L1, STM LZB/PZB and STM SCMT)

Other equipment Energy meter

Tractive effort-speed curve

