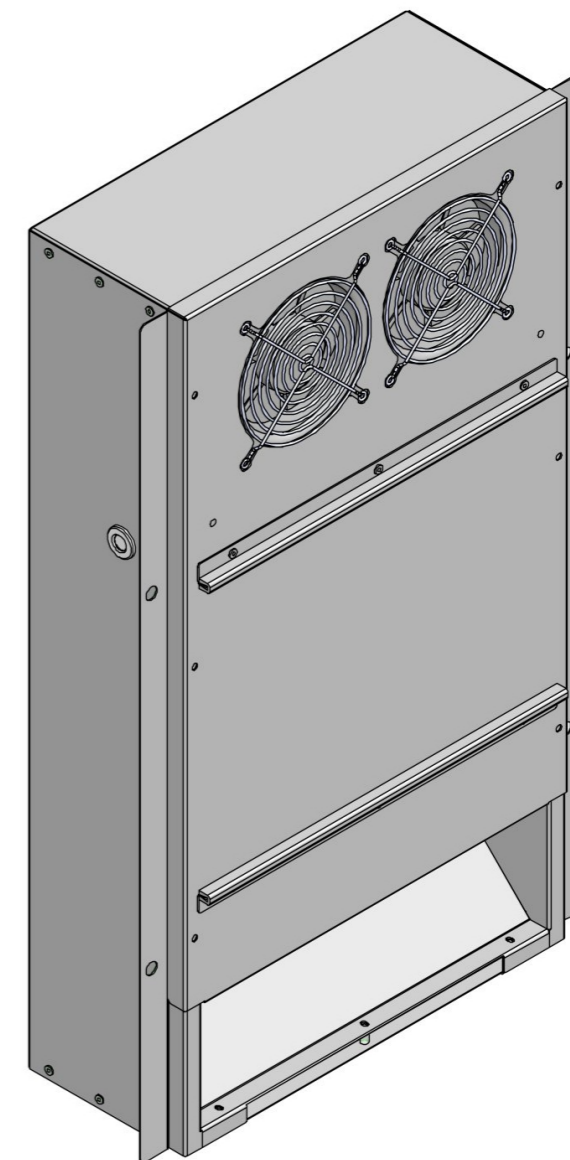


APPLICATION



The ENI-NN400/1EH heater is designed for heating the space inside the electric traction unit with a stream of heated air. The source of heat in the heater are three heating elements with a total power of 800 W. The air stream flowing around the heater is generated by two axial fans. During normal operation of the heater, the thermal protection sensors have short-circuited contacts and allow the contactor supplying the heating circuit to be switched on. The transformer converts the 400 V_{AC} voltage to 230 V_{AC}, which powers the fans, thermal protection sensors and the contactor coil. The thermostat mounted in the heater controls the air temperature at the outlet of the device. When the temperature exceeds 55°C (T1), the thermostat disconnects the heating circuit. The second degree of thermal protection is a mechanical thermostat. In the event of fan failure and excessive temperature increase on the 90°C (T2) heater elements, the thermostat will disconnect the heating circuit. Reactivation of the device is possible after its manual reset by the service. The heater is additionally equipped with a 50°C sensor (T3) located at the air outlet. It is an additional signal for the client.



SPECIFICATION

TYPE	ENI-NN400/1EH
Rated heating power voltage	3 x 400 V _{AC} 50 Hz
Rated heating power	800 W
Fan efficiency	ok. 320 m ³ /h
Noise level	max 46 dB
Overheat protection	two-stage
Maximum outlet air temperature	+55 °C
Insulation test voltage	2,5 kV / 50 hz / 1min
Enclosure protection rating	IP20
Operating orientation	Vertical
Weight	13,8 kg
Size (L x W x H)	(650 x 390 x 142) mm