

APPLICATION



The ENI-NN230/750L heater is intended for heating the space inside the electric traction unit with a stream of heated air. The heat source in the heater is two heating elements with a total power of 1.5kW (2x750W). The stream of air flowing over the heaters is supplied from the main air distribution channel on which the heater is mounted. The minimum required air flow for the heater to work properly is 135 m³/h. During normal operation of the device, the thermal protection sensors have closed contacts and allow for switching on the voltage supplying the heating circuit. The first degree of thermal protection (T1.1; T1.2) is activated after exceeding the temperature of 90°C inside the heater and will disconnect the heating circuit. After the temperature drops, the protections will automatically turn on again. The second degree of thermal protection (T2.1; T2.2) is activated after exceeding the temperature of 130°C inside the heater and will disconnect the heating circuit. Reactivation of the device is possible after manual reset of the thermal protection by the service.



SPECIFICATION

| TYPE | ENI-NN230/750L |
|-----------------------------|-----------------------------|
| Rated heating power voltage | 230 V _{AC} 50 Hz |
| Rated heating power | 1500 W |
| Insulation test voltage | 2000V / 50 Hz / 1 min |
| Pollution degree | PD2 according to EN-50124-1 |
| Overvoltage category | OV2 according to EN-50124-1 |
| Operating orientation | Horizontal |
| Enclosure protection rating | IP20 according to EN-60529 |
| Working temperature | -20°C ÷ +55°C |
| Storage temperature | -20°C ÷ +55°C |
| Weight | 9,1 kg |
| SIZE (L x W x H) | (1745 x 160 x 50) mm |