

Intake Air Preheating



Safe and fast starting of diesel engines even at arctic temperatures and high altitudes is possible by heating the intake air. This also results in a reduction in harmful exhaust gases during the starting and warm-up phase as well as in a reduction in noise.

The DBK module for preheating the intake air consists of just one compact component, which includes the heating system and the electronic control unit. The compact design contributes to the weight and cost reduction of the overall system.

Technical Features

- Voltage: typ. 12 V / 24 V DC
- Heat output: up to 10 kW

Possible Versions

- Variant with electronics
- Variant without electronics

Special customer requirements, such as adaptation to control signals, can be taken into account.

The electrical heating power is transferred to the surrounding or passing air via heating coils. These consist of flat strips, which are highly resistant to corrosive atmospheres and enable a very short preheating time.

The special shape of the heating coil enables high vibration resistance and ensures backlash-free expansion during temperature changes.

