

AHD-ORP

Override Unit for Diesel Engine Control



- **Override of Engine Power Reduction**
- **Protection hatch against unintended use**

The Override key defies the reduction of engine power by the engine control unit when limit values are exceeded.

If for example the oil pressure is too low or the coolant temperature is too high, the engine can only be operated with 50% of its maximum power.

In order to have available full engine power in emergency situations, this reduction can be defied with the Override Panel.

The unit consists of an override key and a reset key. Both keys are protected by a hatch against unintended use.

The override key is designed as latching push button with reset function. After pushing the override key the reset key has to be pushed first to enable the engine protection again.

A variant of the device is available in which a push button is used instead of a locking key switch.

All operation units AHD-ORP are cascable. The integrated LED illumination ensures a secure operation even in darkness.

After executing an override a red LED is lit on the according unit for identification purposes. With resetting the unit the LED is switched off.

A DIP switch on the rear side of the unit enables the selection of a terminating resistor with various values: 18kOhm / 3.3kOhm / 22kOhm / Suppressor diode / without terminating resistor.

Technical Data

Power supply	24 VDC (+30% / -25%)
Power consumption	max. 70 mA (24 VDC)
Ambient temperature	-30°C...+70°C
Storage temperature	-50°C...+85°C
Weight	ca. 0,8 kg
Protection class	IP 66 (front), IP 10 (rear)
Dimensions (W x H x D)	70 mm x 130 mm x 70 mm (Depth with studs 65 mm)
Connection	Terminal strip

Dimensions

