

# DCU 205 Engine Control Unit

## Diesel engine control unit

The DCU 205 is a versatile unit for control and monitoring of alarm- and shut-down channels for a diesel engine.

The engine can be set to operate in an auxiliary, emergency or combined mode.

When set to standby, the DCU 205 will initiate three start attempts when given a blackout signal.

## Installation

The DCU 205 can be mounted at the engineframe or at the bridge.

The terminal card fits on a standard 35mm DIN rail. The accompanying cable plugs directly into the control unit.



The wire terminal card and the rear side of the control unit. The terminal connectors are "snap" type.

## Features

- Classified emergency and auxiliary genset controller.
- 3 external shutdown channels plus 1 internal.
- Built-in LCD hourmeter.
- Accepts a wide range of pickups.
- Overspeed detection and shutdown.

## Classified\*

The DCU 205 is classified by DNV (Det norske Veritas) and LR (Lloyd's Register of Shipping).

\*Classified only if used together with the wire break detection box WBD 1500.

## Dimensions

### Cut-out

167 x 188 (WxH) mm

### Overall

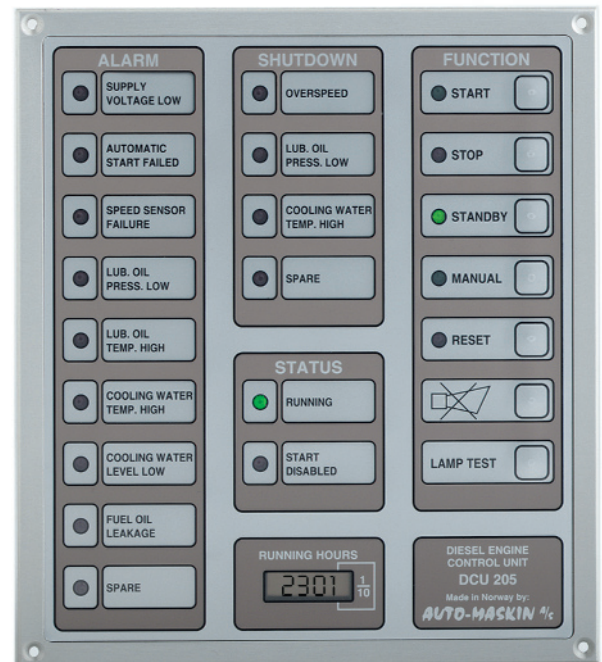
182 x 204 x 55 (WxHxD) mm

A flat cable may be delivered if depth is precious.

The DCU-205 is perfect for small and mid-size gen.sets, emergency gen sets, combined Emergency/harbour sets, fire-fighting sets etc.

The small and compact design makes it easy to install. With enclosure it can also be mounted directly on the engineframe. All texts are configurable, and can be delivered in all languages.

Upgrading from the Auto-Maskin 2217, 2700, 500 systems, etc. is easy using the available upgrade manuals.

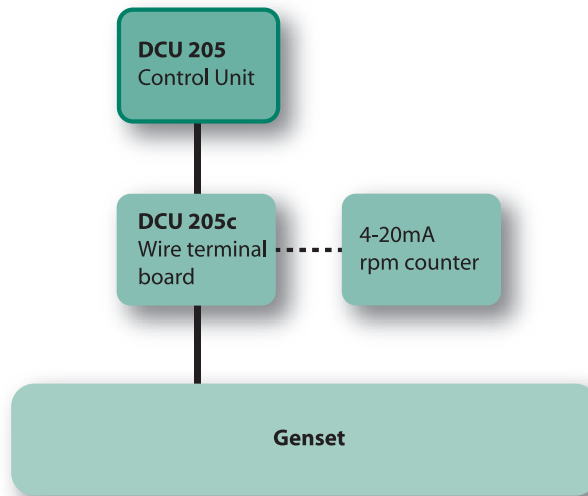


The DCU 205 control unit

## Ordering Info

Item	Article #
DCU 205 complete	05000
Steel enclosure	05009
Rpm-meter, 0-20mA	05011
Pickup GAC MSP 679	20000
Wire break detection box, WBD 1500	05042

# System Overview



## Technical Specification

Overall dimensions	182x204x55mm [WxHxD]	
Cut-out dimensions	167x188mm [WxH]	
Supply voltage	24V smoothed, (20–30VDC)	
Power consumption	Typical:	150mA @ 24VDC
Weight	In general:	900g
Protection level	Front panel: Back panel:	IP55 IP30
Ambient temperature	Operation: Storage:	0-70°C 0-70°C
Air humidity	Operation: Storage:	<97% Dry
Relay contact load	In general:	Max. 2A, 125V
<b>Wire terminal card</b>		
Overall dimensions	WxHxD = 211x83x40mm	
Cable length (standard)	1.5 meters	
<b>Steel enclosure version</b>		
Overall dimensions	300x300x140mm [HxWxD]	
Weight (DCU 205 and enclosure)	4300g	
Protection level	IP 44	

