

**Service Information System**

Shutdown SIS

[Previous Screen](#)

◀ Product: MARINE ENGINE
Model: C280-16 MARINE ENGINE TDX
Configuration: C280-16 MARINE TDX00001-UP

Systems Operation

Marine Monitoring System II

Media Number -REN2490-06

Publication Date -01/08/2008

Date Updated -11/08/2008

i01430807

Contactors

SMCS - 1435

Contactor Operation

Contactor - A contactor is a switch that is controlled by temperature or pressure. The temperature or pressure that triggers the switch is set to a critical setpoint. If the setpoint is reached, an alarm or a shutdown will be activated.

Contactors in Engine Protective Systems

Contactors are used in the engine protection system and the alarm system. The contactors operate as a minimum protection system for the relay in the event of a failure in the PLC.

Contactors are set at shutdown setpoints and monitored by the control panel. When a contactor for the shutdown system closes the control panel secures the engine. The shutdown override mode may be used in order to continue engine operation.

Copyright 1993 - 2010 Caterpillar Inc.
All Rights Reserved.
Private Network For SIS Licensees.

Wed Mar 10 20:28:06 CST 2010