

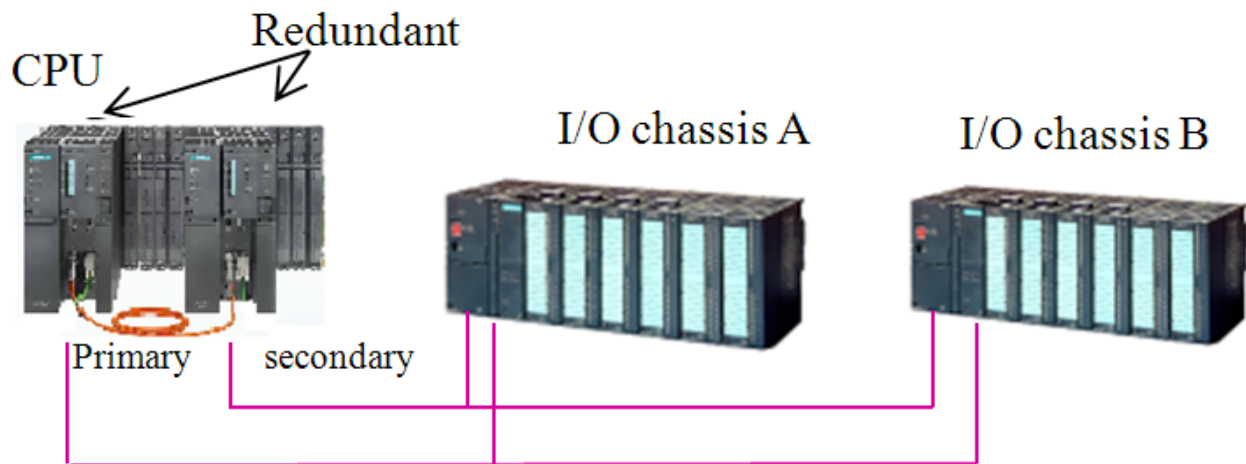
# S-ESD400FH 紧急切断系统

## S - ESD400FH Emergency Shutdown System

### ▶ 概述 Overview

ESD 系统用于在紧急状态下，切断船舶各处的通风系统、燃油系统、发电机以及其他安全设施等。系统可在多处进行相应的应急关断控制，并在控制柜上做相应关断的指示及声光报警。

ESD system is used in a state of emergency, to cut off the ventilation system, fuel system, generator in all parts of the ship and other safety facilities, etc. System can be in many places to carry on the corresponding emergency shut off control, and in control on the corresponding shut off instructions and sound and light alarm.



## ▶ 技术特点 Technical features

基于 S7-400FH 系列 PLC 设计，可满足高安全方面的要求。S7-400FH 专为安全系统设计，通过了德国技术监督协会（TUV）认证，可达到 SIL 3 安全等级；具有热插拔，可在任意时刻更换故障模块而不影响系统运行；具有断线监测功能，如果发生断线或者故障，对应的输出点自动关闭，在故障排除后自动恢复。

支持以太网、Profibus、Modbus、CANopen 等网络通信协议，可以与其他火灾探测系统、气体探测系统、监控系统通信。

S7-400FH Series PLC-based design can meet the high safety requirements. It designed for security system, has passed the certification of German technical supervision association (TUV), can achieve SIL 3 security levels; The fault module without affecting system operation can be replaced by hot plug at any time; Having break line monitoring function in the event of disconnection or fault, the output of the corresponding points automatically shut down, automatic recovery after troubleshooting.

Through the Ethernet, Profibus, Modbus, CANopen and other network communication, with fire detection systems, gas detection system, monitoring system communication.

