WT 水密门状态指示系统
Watertight door status indication system

▶ **概述**
Overview

　　WT型水密门状态指示系统用于显示水密门的开闭状态，当水密门打开时，发出声光报警，提示船员水密门处于开启状态，是保障船舶安全的重要设备。

　　WT Watertight door status indication system is used for displaying the opening or closing state of the watertight door. When the watertight door is opened, an audible and visual alarm is issued to remind the crew that the watertight door is in the opening state. It guarantees the safety of the ship.

▶ **产品特点**
Product features

■ 控制面板采用LED指示、按键操作，外形美观，指示清晰，便于操作与维护；
The control panel is provided with LED display and key operation, with nice appearance, clear indication, and easy to operate and maintain;

■ 按照实船布置模拟显示水密门的位置；
Simulate the location of watertight door based on the layout of the real ship;

■ 控制箱选用公司标准箱体，外形美观，采用橘纹亚光喷塑工艺，具有良好的耐腐蚀性，经久耐用；
Adopting the company's standard box, with nice appearance, and the surface of the box is sprayed with orange line matte plastics, with good corrosion resistance and durability;

■ 内部采用CAN总线通信；
Using CAN bus for internal communication;

■ 与VDR采用RS485总线接口。
Using RS485 bus interface for communication with VDR.

▶ **产品组成**
Product composition

■ 继电器箱　　　　　　　　　　　　■ 指示板
　Relay box　　　　　　　　　　　　　Indication panel

▶ 技术指标
Technical index

■ 工作电压： DC24V±20%

　Working voltage :DC24V ±20%

■ 输入信号： NC/NO开关量信号

　Input signal: NC/NO switching value signal

■ 输出接口： RS485通讯接口

　Output interface: RS485 communication interface

■ 防护等级： 继电器箱IP44

　　　　　　指示板IP23

　Protection grade： Relay box IP44

　　　　　　　　　Indication panel IP23

▶ 型号命名
Model naming

水密门状态指示系统 Watertight door status indicator	WT	-I	/□	□
设备名称　I:指示板　R:继电器箱 Device name: I:indication panel 　　　　　　　R:relay box				
水密门数量　1，2，3…16 Number of watertight doors 1，2，3…16				
安装方式　　Q:嵌入式，B:壁挂式 Installation　Q: embedded, B: wall-mounted				

▶ 选型说明
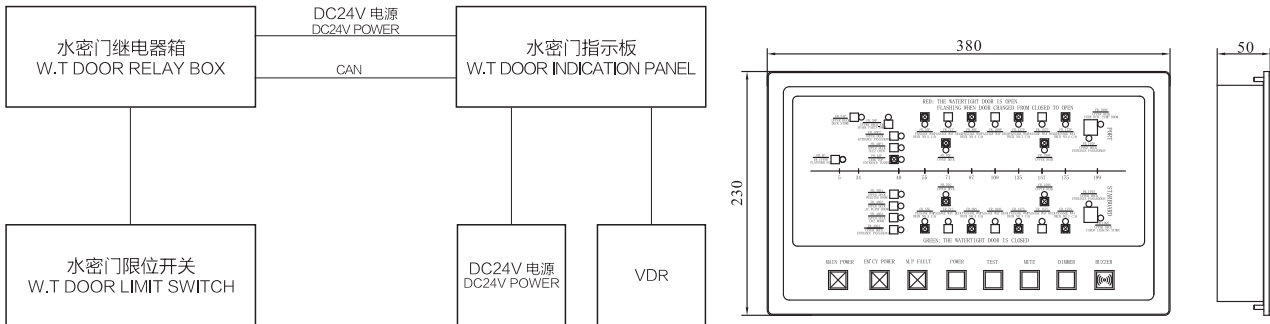### Selection description

例： WT-I/16Q

表示水密门指示板可显示16路水密门的状态，安装方式为嵌入式。

Example: WT-I/16Q

The watertight door status indication panel can display the status of 16-way watertight doors, and it is embedded.

▶ 系统图
System diagram

注：指示板和继电器箱尺寸由水密门路数和排布而定，上图供参考。

Note:The size of the indication panel and relay box is determined by the number of watertight doors and their arrangement, the figure above is for reference.