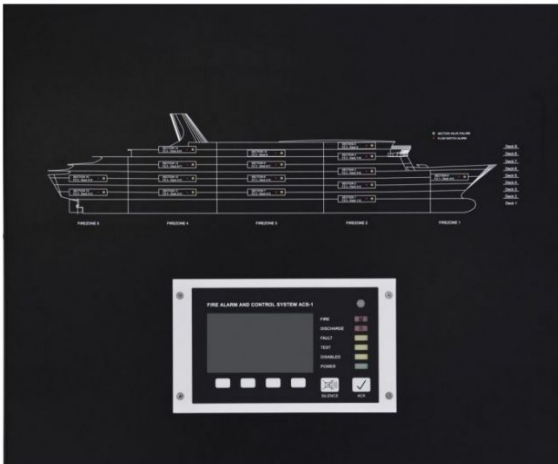


# Sprinkler Alarm System ACS-1

## Description

The Alarm and Control System ACS-1 is a flexible control system for fire detection, Sprinkler alarm and extinguishing control systems. Due to its flexibility it can be adapted easily to different requirements.



A module cabinet located near by the section allows direct connection of the limit switches and alarm contacts. For signal transmission to the Sprinkler alarm panel only a 4-wire cable is required. All signal loops will be monitored for open/short circuit. The Sprinkler alarm panel shows the state of the Sprinkler system (ready, fault, released, state of pumps).

The devices among others can be connected:

- Limit switches of section valves
- Sprinkler alarm contacts (i.e. flow switches)
- Analogue pressure transmitter
- Pump starter cabinet for 2 or 3 main pumps
- Option: automatic control of jockey pump and compressor for pressure tank

Approvals: BV, DNV, GL, LR, RINA, RMRS (Russia)

## Overview

 [Overview for ACS-1 Sprinkler Alarm System \(50.3 kB\)](#)

## Sprinkler Alarm Mimic Panel CP-488



Sprinkler Alarm Mimic Panel CP-488

Typ: CP-488

Art. No. ACS01.488

The Sprinkler Alarm Mimic Panel will be supplied with customer specified mimic print and location of LEDs (CAD drawing must be available). The control panel CP-100 can be integrated into the panel.

The signals to be displayed will be collected by I/O-modules IO-6303 or IO-6340 and connected to the Sprinkler Alarm Mimic Panel by means of a 4-wire bus cable.

The Sprinkler Alarm Mimic Panel is fastened on a mounting frame, to whom it is connected by hinges. Therefor it can be opened easily for commissioning or service purposes.

## Indication Panel CP-10



Indication Panel CP-10

Typ: CP-10

Art. No. CP10.001

The Indication Panel CP-10 allows display of max. 47 signals. Depending from the signal type a new signal will be indicated as a continuous or flashing light signal (red LED) and with continuous or

intermittend internal alarm sounder.

Individual labels with the adjacent signal names can be inserted from the rear side of the front plate.

Cable connection by separate terminal adapter ADP-131 with 20-pol. flatcable.

For system integration only a 4-wire CAN-bus cable is required. The following operational elements are available:

- Button "SILENCE" cancels the audible alarm.
- Button "ACK" acknowledges flashing LEDs.
- Buttons "DIM+/-" adjust LED brightness.

## Sprinkler System Display Panel CP-412



Sprinkler Alarm Display Panel CP-410

Typ: CP-412

Art. No. ACS01.412

The Remote Display Panel for Sprinkler Systems displays the state of max. 10 extinguishing sections (red LEDs). Further LEDs (green and yellow) indicate "Power", "Pump Running", "Pump Automatic Off", "Pump Supply Failure", "Section Valve Blocked", (common signal) and "Common System Fault". The function of each LED is described with exchangeable labels. The LEDs can also be configured for display of other signals. The brightness of the LEDs can be dimmed between 0 und 100%. System integration by 4-wire-CAN-Bus. Adapter BG06.170 is required.

## Module Cabinet MC-308



Module Cabinet MC-308

Typ: MC-308

Art. No. ACS01.308

The module cabinet can be filled up with max. 4 I/Omodules. A power supply module and a lead battery with battery charger can also be mounted.

## Module Cabinet MC-312



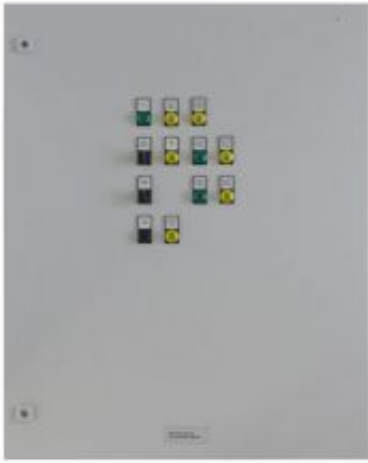
Module Cabinet MC-312

Typ: MC-312

Art. No. ACS01.312

The module cabinet can be filled up with max. 8 I/Omodules. A power supply module and a lead battery with battery charger can also be mounted.

## Pump Starter for Sprinkler System



Pump Starter for Sprinkler

Custom-made Pump Starter for Sprinkler Systems.

In dialogue with our customers, we plan and manufacture pump starters for individual needs.

## Downloads

[Downloads for ACS-1](#)