Fixed Waterbased Local Application Fire Fighting System

Description

Fixed Water Based Local Application Fire Fighting System according IMO MSC/Circ. 913

The Alarm and Control System ACS-1 is a control system for fire extinguishing plants. It can be used as a control system for extinguishing systems with or witout integrated fire detection system for automatic release. The external fire detection System can be connected by optional interfaces in the display panel or remote release panel.

The very compact dimensions of the devices ease planning and mounting of the system. A system bus (CAN) reduces expense for cabling work between the devices.

Additional technical data:

- max. 32 sections
- section valves can be solenoids or motor actuators
- additional devices like flow switches and main valve can be connected
- monitored circuits (short circuit, open circuit)

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

Overview

ACS-1 Datasheets for FWBLAFFS (618.8 kB)

Fire Alarm Panel CP-100

Fire Alarm Panel CP-100

Typ: CP-100
Art.No.: ACS01.100

The Fire Alarm Panel displays fire alarms and faults states as well as the status of the extinguishing system. All alarms and faults will be shown on a large LCD display with clear text indication of the appropriate extinguishing section. Bright indicator lamps indicate FIRE / EXTINGUISHING / FAULT / TEST / DISABLED / POWER. An integrated dimmer automatically adapts the brightness of the indicator lamps and the backlight of the display according to the brightness of the environment. Can be configured as main fire alarm panel or remote alarm panel. For cable connection the adapter BG06.170 is required.

Fire Alarm Panel CP-100 in Enclosure

Control Panel Enclosure CP-100

Typ: CP-100
Art. No. ACS01.111

The fire alarm panel CP-100 in enclosure for wall mounting.

Remote Release Panel CP-209

Remote Release Panel CP-209

Typ: CP-209
Art. No. ACS01.209

The Remote Release Panel allows start and stop of max. 9 extinguishing sections from a safe location. For each section a FIRE indication and a DISCHARGE indication is available, as well as additional indications for system status and FAULT signals. The buttons for start / stop of discharge are protected by a transparent flap against unintended operation. If more than 9 sections have to be controlled, several panels can be installed in parallel. Integration into the control system by means of 4-wire-CAN-bus.

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.

Water Mist Remote Display Panel CP-410

Water Mist Remote Display Panel CP-410

Typ: CP-410
Art. No. ACS01.410

The Remote Display Panel for Water Mist 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 Not Ready", "Discharge Failure" and "Common System Fault". The function of each LED is described with exchangable 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.

Pump Starter Cabinet PST-LA828

Pump Starter Cabinet PST-LA828

Typ: PST-LA828
Art. No. ACS01.828

The pump starter cabinet contains a pump starter with power supply monitor and overload indication (optional: without overload shut down).

Local Release Box RP-01

Local Release Box RP-01

Typ: RP-01
Art. No. RP01.001

The Local Release Box must be mounted near to the protected space. By means of the push button the extinguishing system can be released and stopped. The push button is located in a deepening and thus protected against unintended operation. The Local Release Box offers terminals for the connection of the local fire detectors and the local visible/audible alarm device. A label with the name of the protected space can be inserted above the push button. With appropriate configuration of the I/O-module, max. two automatic fire detectors can be connected together with the manual push button to one detection line.

Downloads

Downloads for ACS-1