

# PERTRONIC INDUSTRIES LTD

## DATASHEET

### Agent Control Station / Local Control Station



## Overview

Pertronic Industries offer a full range of extinguishing agent products.

The Pertronic Agent Control Station (ACS) and Local Control Station (LCS) provide manual extinguishing agent release and automatic release disable function. Real-time 'time to discharge' countdown and system indicator LEDs provide intuitive control.

The ACS and LCS should be connected to Pertronic extinguishing agent release controller for use in an agent release system.

For larger installations, the extinguishing agent release controller, can be used with the F100A extinguishing agent release panel. Up to eight controllers may be fitted into each panel.

The F100A extinguishing agent release panel complies with AS / ISO14520.1-2009. The technology is built upon the proven F100A and the extinguishing agent release controller.

Optional extinguishing agent release signage provide fully configurable messages, visual options and an optional 'time to discharge' countdown display.



*Left: Agent Control Station (ACS)  
Right: Local Control Station (LCS)*

## Features

- » Time to discharge display
- » Auto-release disabled button / LED
- » Buzzer mute button with lamp test
- » Agent Control Station (ACS): comprehensive 15 System indicator LEDs
- » Local control station (LCS): concise (6) system indicator LEDs
- » 'Auto release disabled' LED
- » Integral yellow 'extinguishant release' manual call-point with frangible element
- » Flush and surface mount enclosure options
- » Up to 9 x ACS / LCS can be connected to a single extinguishing agent release controller

## Specification

<b>Dimensions</b> (W x H x D mm)	<b>ACS/LCS PCB</b>	98 x 95 x 20
	<b>Agent Release MCP</b>	87 x 87 x 20 (-25) (depth behind face-plate)
	<b>Surface Mount</b>	110 x 200 x 60 (includes depth of MCP)
	<b>Flush Mount</b>	110 x 200 x 30 (includes depth of MCP)
	<b>Flush Box</b>	90 x 180 x 50
<b>Operating Voltage</b>		20 to 30 Vdc
<b>Current</b>	<b>Quiescent</b>	7 mA @ 24 V
	<b>Alarm Stage 1</b>	7 mA
	<b>Alarm Stage 2</b>	18 mA
<b>RS485 In</b>	<b>Power</b>	24 Vdc, nominal, polyfuse protected @ 1.85 A
	<b>Data</b>	RS485 A / B
<b>RS485 Out</b>		Connect to Next ACS/LCS or EOL
<b>Operating Temperature</b>		-5 to +45 °C
<b>Operating Humidity</b>		10 to 95 % RH, non-condensing

## Extinguishing Agent Release Panel Diagram



### Ordering Information & Notes

Product Code	Description
AGENTRELEASEC	Agent Release Controller Printboard Assembly V110
F100AF-ARC	F100A 2 Loop Suppression Panel FS with Agent Release Controller
ACS-FM	Agent Control Station for Agent Release System - Flush Mount
ACS-SM	Agent Control Station for Agent Release System - Surface Mount
LCS-FM	Local Control Station for Agent Release System - Flush Mount
LCS-SM	Local Control Station for Agent Release System - Surface Mount
AVS-B	Audio Visual Sign
AVS-C	Audio Visual Sign with Countdown

The information in this document must not be treated as partial or complete instructions for the design, construction, installation, commissioning, or maintenance of fire detection, fire alarm, or building evacuation systems. Fire and evacuation systems must be designed and installed by properly qualified persons, in accordance with all regulatory requirements.

Unless explicitly stated otherwise, this document provides typical specifications and nominal dimensions. Actual product performance and dimensions may vary.

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