Sigma XT and Ancillaries
Extinguishant status Control Panel

ECU-LCS (Remote Status Unit)

Product Overview

The ECU-LCS provides high brightness, LED indication of Manual Only, Automatic and Manual, Hold operated, Disabled, Imminent and Released conditions. Models are also available with zonal fire indicators and a common fault indicator.

For systems where local control of the Automatic/ Manual mode and or a Manual extinguishant release control are required, units are available with these controls fitted.

The ECU-LCS has monitored inputs for the remote connection of Automatic/ Manual mode and Hold switches.

All units contain a large, LED display which shows a countdown of the time remaining until the extinguishant is released in seconds.

Standard Features

• High brightness LEDs
• Detailed indication of the status of the control panel
• Monitored data connection
• Countdown timer shows time remaining until release
• Manual only and Automatic and Manual mode select keyswitch option
• Four wire connection (data and power)
• Protected dual action manual release switch option
• Common fault indication with buzzer
• Robust, high quality enclosure
• Easy access to terminals
• Remote Auto/Manual door interlock input (monitored)
• Remote Hold input (monitored)
• Internal fault diagnosis indicators
• Internal buzzer

Technical Specifications

Construction	1.2mm mild sheet steel
IP Rating (Standard unit)	IP30
Colour - lid & box	BS 00 A 05 grey - fine texture
Weight	1kg (all units)
Power supply	21 to 30 V DC
Maximum current draw	0.07A
Max. number of status units	7
Quiescent current	0.033A
Cable capacity	2.5mm² per terminal
Monitored inputs end of line resistor	6K8 0.5W Resistor
Monitored inputs normal threshold	8K ohm to 1K ohm
Monitored inputs trigger threshold	700 ohms to 100 ohms
Monitored inputs Short circuit threshold	99 ohms to 0 ohms
data connection	Two wire RS485 connection (max 1200 metres)
Size	190 x 136 x 60 (mm)