

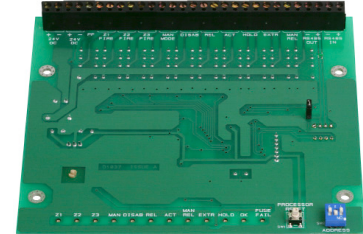


SIGMA ZXT UL ANCILLARY BOARD

Extinguishing System Ancillary Board

Features

- ▶ UL listed accessory for use with Sigma ZXT UL extinguishing control panel
- ▶ Monitored RS485 communication path
- ▶ Up to 7 boards per panel
- ▶ 10 Fixed functionality volt-free relay outputs
- ▶ LED indications display relay status
- ▶ Boxed variants available



Description

The Sigma ZXT UL Ancillary board is an accessory item for use with the Sigma ZXT UL extinguishing control panel.

It is used to expand the number of relay outputs on the extinguishing control system which can be used for control of third party equipment or signaling of system status conditions to other systems.

10 normally open volt-free relay outputs are provided which are rated 1A @ 30 VDC.

The outputs have the following fixed functionality:

Zone 1 Fire -	Activates when Zone 1 on the control panel is in fire condition.
Zone 2 Fire -	Activates when Zone 1 on the control panel is in fire condition.
Zone 2 Fire -	Activates when Zone 1 on the control panel is in fire condition.
Manual Mode -	Activates when the extinguishing system is in Manual Only mode and deactivates when the system is in Auto/Manual mode.
Disabled -	Activates when the extinguishing system is disabled.

Released -

Activates when extinguishant released been confirmed by the control panel.

Activated -

Activates when the second stage of the extinguishing release sequence has been established at the control panel.

Hold -

Activates when the control panels Abort input has been activated.

Extract -

Activates when the extraction function is active on the control panel.

Manual Release -

Activates when a Manual Release event has been established on the control panel.

Up to seven Ancillary Boards can be connected to a single Sigma ZXT UL on a supervised RS485 communication bus. Each board on the bus has its own unique address to assist with operation and diagnostics. The address will be set from 1-7 using the on-board binary address switch. The total length of the communication bus is limited to 4000ft.

A single Ancillary Board can be mounted inside the Sigma ZXT UL extinguishing control panel and be powered from the panels Aux 24v output. Boxed versions of the Ancillary board are available which can be installed remote from the panel these units would require a separate UL approved power supply.

Specification

Construction (Boxed)	1.2 mm mild sheet steel
IP Rating (Boxed)	IP30
Color- lid & box	Red - RAL3002 Satin
	Gray - BS 00 A 05 Semi-Matt
Supply voltage	20-30 VDC
Maximum current draw	175 mA PCB only
Contact ratings	30 VDC 1 Amp
Cable capacity	14 to 22 AWG (2.5mm ² max per terminal)
Operating temperature	23 °F (-5 °C) to 120 °F +/- 3 °C (+49 +/-2 °C)
Operating humidity	<95% (non condensing)

Panels

Product Code	Description	Size (mm)
K588ZUL	Sigma ZXT UL Ancillary board kit	155 x 136
K05000XM2RD01	Sigma ZXT UL Ancillary board with cabinet - Red	385 x 310 x 90
K05000XM2RD01	Sigma ZXT UL Ancillary board with cabinet - Gray	385 x 310 x 90

Auxillary board Terminals and LED

