

ML-3313

MAXLOGIC EXTINGUISHING STATUS INDICATOR UNIT

Status indicator units have been allowed to carry the indicators and controllers on ML-322 extinguishing panel to a different location.

This unit operates by 24V DC supplied voltage and communicates with fire extinguishing panel via network card.

Up to 8 pieces of extinguishing status indicator units can be connected to a single ML-322 fire extinguishing panel. An address value between 1 to 8 has been assigned to each extinguishing status indicator unit.



Continuity of the communication with extinguishing panel has been controlled. During communication fault condition, user has been informed by audible and visible warnings.

There are 4 pcs. of supervised inputs on the status indication unit: Abort, Cancel, Extinguishing Status Switch and Remote Reset inputs.

Input's open/short circuit status has been controlled by status indication unit. A fault log has been transmitted to fire extinguishing panel during fault condition.

INPUTS

HOLD INPUT

Extinguishing delay time countdown is holding when delay input activated. Countdown continues when the input turn back to normal mode. Same operation has been performed for any of the fault condition at this input. This input has been evaluated like delay input on the panel.

ABORT INPUT

Extinguishing is aborted when abort input is activated before releasing status has been provided. Any of the fault on abort input has been evaluated same way. To terminate the abort operation, panel resets after input has been switched to normal mode.

EXTINGUISHING STATUS KEY INPUT

Extinguishing status key input has been used to determine extinguishing mode. When this input activated, only manual condition has been switched. Only manual mode is dominant at the system, thus system's valid mode is only manual when any of the input at the system is on only manual condition. Each input must be on Automatic and Manual mode to adjust extinguishing mode Automatic and Manual.

REMOTE RESET INPUT

It is used to reset the system. System is reset when remote reset input has been triggered.

BUTTONS

EXTINGUISHING STATUS KEY

Extinguishing Status Key on the front side of the Status Indicator Unit has been evaluated at same way with Extinguishing Status Key input.

EXTINGUISHING ENABLE BUTTON

Extinguishing operation has been starting by pushing Extinguishing Enable Button on the front side of the Status Indicator Unit. This button's function is same as the extinguishing release button on the panel.

RESET BUTTON

It is used to reset the microprocessor which controls status indicator unit.

INTERNAL LEDS

The fault conditions on the status indicator unit's inputs can be monitored by these LED's as well as the panel. These LED's have been explained below.

HOLD

It shows that Hold input is open or short circuit.

ABORT

It shows that Abort input is open or short circuit.

ESK

It shows that Extinguishing Status Key is open or short circuit.

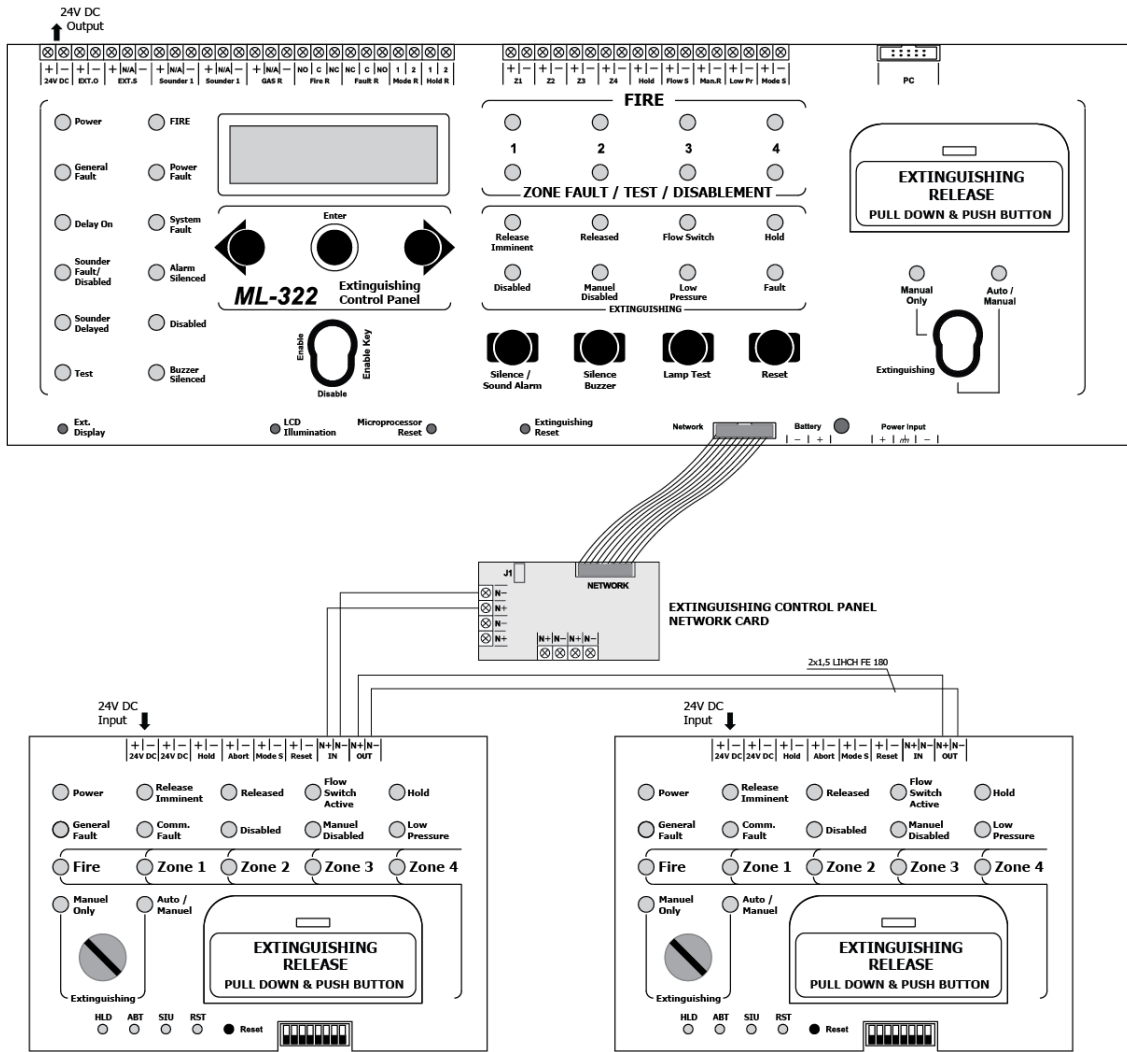
RST

It shows that Remote Reset input is open or short circuit.

BUZZER

The buzzer condition on status indicator unit is same as the buzzer condition on panel except there is no any communication fault. Silence Buzzer operation on the panel has been also accepted by status indicator unit. Status indicator unit's buzzer has been continuously sounds when there is a communication fault.

CONNECTION DIAGRAM



TECHNICAL SPECIFICATIONS

Operating Voltage	24V DC
Maks. Current	200mA
Network Operation	Up to 8 extinguishing status indicator unit
Dimensions	200 x 150 x 58 mm
Weight	(~) 500 gr.
Body Material	1 mm Dkp sheet
Surface	Epoxy
Mounting	Surface
Standard Color	Grey tone (RAL 7015), white panel serigraphy
Operating Temperature	(-10°C) - (+55°C)
Relative Humidity	%0-95 (non-condensing)