

PERTRONIC INDUSTRIES LTD

DATASHEET

F220 LCD & LED Combination Mimics



Overview

Pertronic LCD & LED Combination Mimics provide remote indication of fire panel or network system zone status. In addition, these mimics provide a remote LCD display for the analogue addressable fire panel or network.

F220 combination LCD & LED Mimics are compatible with Pertronic F220 fire panels and F220-Net2 networks.

Each combination mimic includes an F220 LCD alarm mini-mimic. The LCD display provides precise information and location details on any fire related event.

The mimic also includes one 12-way lightpipe LED display (PDB12). The 12-way lightpipe LED display provides four global indicators (Sprinkler, Fire, Defect and Normal), and eight LEDs.

Additional 8-way lightpipe display (PDB8) may be installed to provide additional indicator LEDs.

Each LCD & LED combination mimic is supplied complete with bell cut-off (BCO) and evacuation key switches.

Combination LCD & LED Mimics are available in three sizes, with front service and rear service versions of each size.

LCD & LED combination mimics are supplied with blank customisable index panels, which need to be drilled and engraved to suit project requirements. CAD drawings for customising indexes may be downloaded from our web site at <https://pertronic.co.nz>



*Large Front Service
F220 LCD & LED
Combination Mimic*

Features

- » Precise information and location details on any fire related event
- » Connects to RS485 Mimic Bus of:
 - » F220 fire panel
 - » F220 Net2 network card (NET2CARD)
- » Built-in Pertronic F220 Alarm Mini Mimic (see note page 2)
- » Supplied with blank customisable index
- » Three sizes available
- » Available in rear service and front service
- » Fitted with bell cut-off (BCO) and evacuation key switches

Specification

	Height (mm)	Width (mm)	Depth (mm) (incl. Index)	Protrusion (mm)	Number of Zone LEDs up to	
Mini Cabinet, Front Service	426	438	48	5 (lock)	Low Pos.	8
					High Pos.	16
Mini Cabinet, Rear Service	426	438	48	10 (lock, switches)	32	
Large Cabinet, Front Service	616	438	48	5 (lock)	48	
Large Cabinet, Rear Service	616	438	48	10 (lock, switches)	64	
Extra Large Cabinet, Front Service	650	635	78	5 (lock)	80	
Extra Large Cabinet, Rear Service	650	635	78	10 (lock, switches)	96	

Ordering Information

Slim Mimics with F220 Mini-Mimic LCD Display

Product Code	Description
SLCABMPFS+LCD-F220MIM	Slim MPFS LED Mimic Cab+Ind for F220 c/w LCD PDB12 BCO/Evac Switches
SLCABMPRS+LCD-F220MIM	Slim MPRS LED Mimic Cab+Ind for F220 c/w LCD PDB12 BCO/Evac Switches
SLCABLPFS+LCD-F220MIM	Slim LPFS LED Mimic Cab+Ind for F220 c/w LCD PDB12 BCO/Evac Switches
SLCABLPRS+LCD-F220MIM	Slim LPRS LED Mimic Cab+Ind for F220 c/w LCD PDB12 BCO/Evac Switches
SLCABELFS+LCD-F220MIM	Slim Extra Large FS Mimic Cab+Ind for F220 c/w LCD PDB12 BCO/Evac Switches
SLCABELRS+LCD-F220MIM	Slim Extra Large RS Mimic Cab+Ind for F220 c/w LCD PDB12 BCO/Evac Switches

Accessories

Product Code	Description
LAC12W	LED Zone Address Offset for 12-Way LED Board
PDB12	12-Way Lightpipe LED Display for F220, F120, F100, F16e, F4-RMAX
PDB8	8-Way Lightpipe LED Display for F220, F120, F100, F16e, F4-RMAX
KEYSW-MK2NR	Keypad Mk2, NON Removable, 2JS-B00161-1200

Note: Pertronic F220 Slim LCD & LED Combination Mimics contain the internal components of the F220 alarm mini-mimic only. They do not include mini-mimic housings.

This information 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, typical specifications and nominal dimensions are provided. Actual product performance and dimensions may vary.

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