

PERTRONIC INDUSTRIES LTD

DATASHEET

Slimline LED Mimics



Overview

Pertronic Slimline LED Mimics provide remote indication of the fire alarm panel status. The mimics are compatible with the F220, F100A, F16e or F4 fire alarm panels. The mimic wiring (RS485 and power) is supervised by the fire panel.

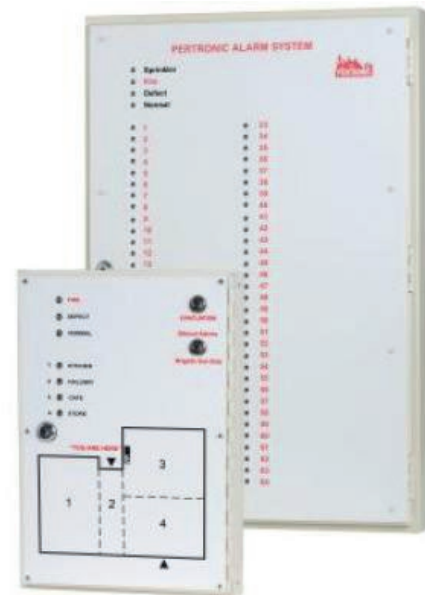
Slimline LED mimics are supplied with one 12-way LED module (F100PDB12), providing 4 global indicators (Sprinkler, Fire, Defect and Normal).

Additional 8-way display boards (F100PDB) may be installed to provide additional indicator LEDs for F220, F100A, or F16e systems.

The LEDs are normally configured to display zonal alarm. In analogue addressable systems, individual LEDs may be configured to display other information. Please refer to the relevant technical manual for information on configuring LEDs.

Pertronic analogue addressable systems can use large numbers of LEDs. The Pertronic LED zone address offset board (LAC12W) provides a numerical offset to the first and consecutive LEDs on a 12-Way display board.

Slimline LED Mimics are supplied complete with bell cut-off (BCO) and evacuation key switches. Also supplied are blank customisable index panels, which need to be drilled and engraved to suit project requirements.



Pertronic Slimline LED Mimic

Features

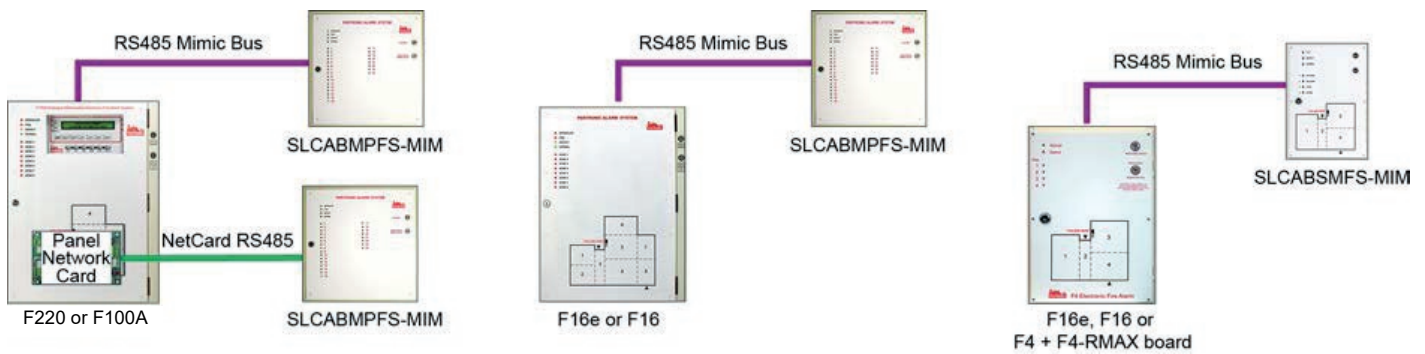
- » Connects to RS485 Mimic Bus of:
 - » Pertronic F220, F100A, F16e or F4 (F4-RMAX)
 - » F100A panel network card (NETCARD)
- » Provides remote indication of the fire alarm panel status
- » Supplied with blank customisable index
- » Four sizes available
- » Bell Cut-Off (BCO) and Evacuation key switches are supplied
- » Available in rear service and front service
- » Empty cabinet with blank customisable index available
- » Up to 255 LEDs in F100A systems
- » Also compatible with Pertronic F120A

Specification

	Height (mm)	Width (mm)	Depth (incl. Index) (mm)	Protrusion (mm)	Number of LEDs up to *
SLCABSMFS-MIM, SLCABSMFS	350	245	50	5 (lock, screws)	8
SLCABSMRS-MIM, SLCABSMRS	350	245	50	10 (lock, screws, switches)	8
SLCABMPFS-MIM, SLCABMPFS	426	438	48	5 (lock, screws)	32
SLCABMPRS-MIM, SLCABMPRS	426	438	48	10 (lock, screws, switches)	32
SLCABLPFS-MIM, SLCABLPFS	616	438	48	5 (lock, screws)	64
SLCABLPRS-MIM, SLCABLPRS	616	438	48	10 (lock, screws, switches)	64
SLCABELFS-MIM, SLCABELFS	650	635	78	5 (lock, screws)	96
SLCABELRS-MIM, SLCABELRS	650	635	78	10 (lock, screws, switches)	96

Note: The number of LEDs exclude four global indicators (Sprinkler, Fire, Defect and Normal)

Connection Diagram



Ordering Information & Notes

Product Code	Description
SLCABSMFS-MIM	Slim Small FS Mimic Cab + Index 245w x 350h x 50d c/w F100PDB12 BCO/Evac switches
SLCABSMFS	Slim Small FS Mimic Cab + Index 245w x 350h x 50d
SLCABSMRS-MIM	Slim Small RS Mimic Cab + Index 245w x 350h x 50d c/w F100PDB12 BCO/Evac switches
SLCABSMRS	Slim Small RS Mimic Cab + Index 245w x 350h x 50d
SLCABMPFS-MIM	Slim MPFS Mimic Cab+Ind 438w x 426h x 48d c/w F100PDB12 BCO/Evac switches
SLCABMPFS	Slim MPFS Mimic Cab+Ind 438w x 426h x 48d
SLCABMPRS-MIM	Slim MPRS Mimic Cab+Ind 438w x 426h x 48d c/w F100PDB12 BCO/Evac switches
SLCABMPRS	Slim MPRS Mimic Cab+Ind 438w x 426h x 48d
SLCABL PFS-MIM	Slim LPFS Mimic Cab+Ind 438w x 616h x 48d c/w F100PDB12 BCO/Evac switches
SLCABL PFS	Slim LPFS Mimic Cab+Ind 438w x 616h x 48d
SLCABL PRS-MIM	Slim LPRS Mimic Cab+Ind 438w x 616h x 48d c/w F100PDB12 BCO/Evac switches
SLCABL PRS	Slim LPRS Mimic Cab+Ind 438w x 616h x 48d
SLCABELFS-MIM	Slim Extra Lge Mimic Cab+Ind FS 635w x 650h x 78d c/w F100PDB12 BCO/Evac switches
SLCABELFS	Slim Extra Lge Mimic Cab+Ind FS 635w x 650h x 78d
SLCABELRS-MIM	Slim Extra Lge Mimic Cab+Ind RS 635w x 650h x 78d c/w F100PDB12 BCO/Evac switches
SLCABELRS	Slim Extra Lge Mimic Cab+Ind RS 635w x 650h x 78d
KEYSW-MK2NR	Keyswitch Mk2 NON Removable 2JS-B00161-1200 (V993885)
KEYSWKIT-MIMICFS	Kit of looms with Keyswitches (MK2) for FS Mimics
KEYSWKIT-MIMICRS	Kit of looms with Keyswitches (MK2) for RS Mimics
KEYSWKIT-MISC	Kit of looms with Keyswitches (MK2) for Large Sq Mimics and Double Dr cabinets

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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