

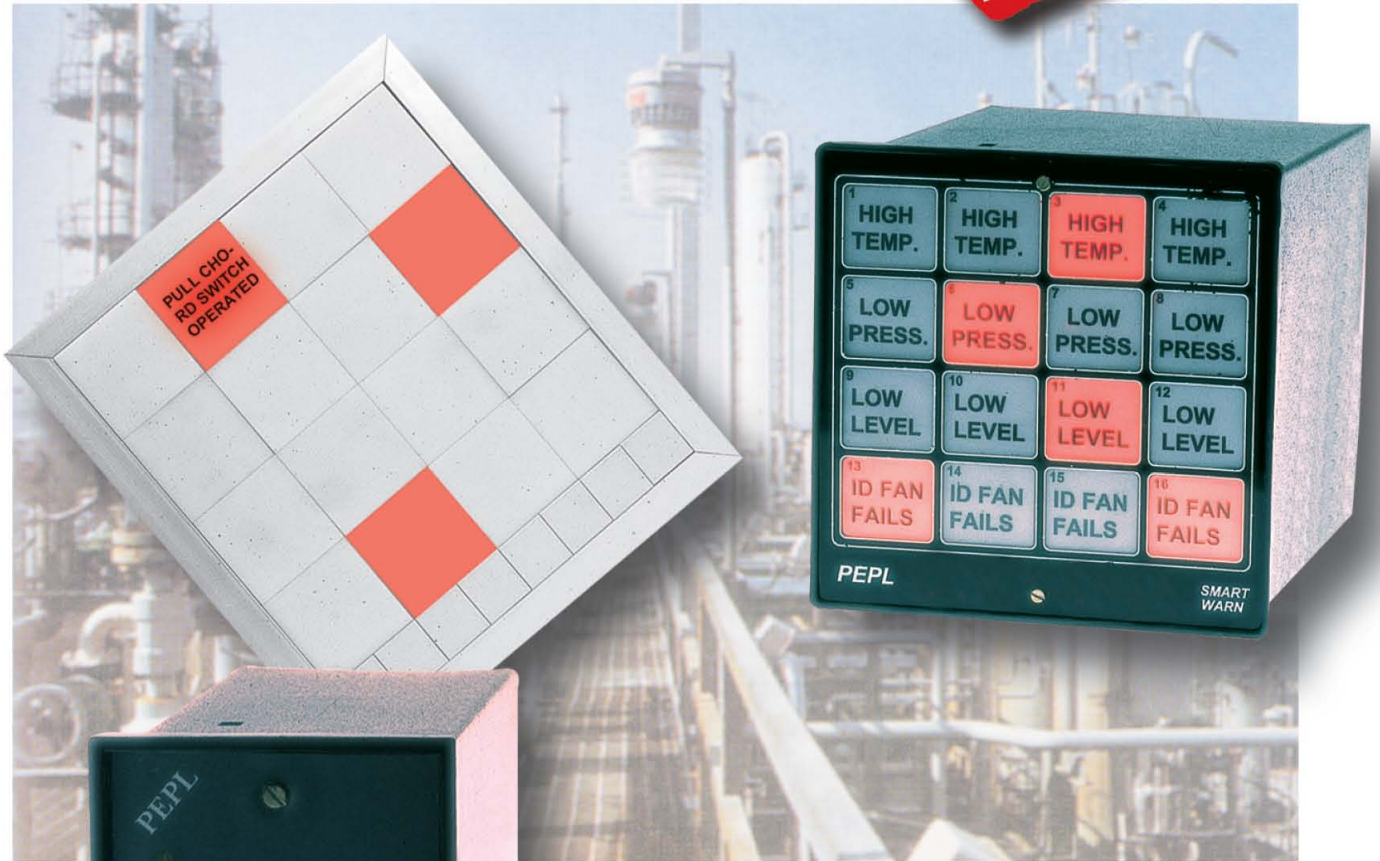
# palarm-L

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## ALARM ANNUNCIATOR

# PEPL

**µC BASED**



### Features :-

- 3 Potential free optically isolated NO/NC contact input (site selectable) or DC voltages.
- 3 SMPS power supply.
- 3 Inbuilt watchdog timer circuitry.
- 3 Window color in Red/Green/Amber etc.(factory assembled).
- 3 Site selectable alarm sequence as per ANSI /ISA S18.1-1979 (R 1985) standard Auto Reset, Manual Reset, First Up & Ringback.
- 3 Input interrogation voltage : +12 VDC.
- 3 Relay output for external audible hooters.
- 3 Available up to 32 channels for window based & Mosaic based & up to 8 channels for label window based. Cascading is possible.

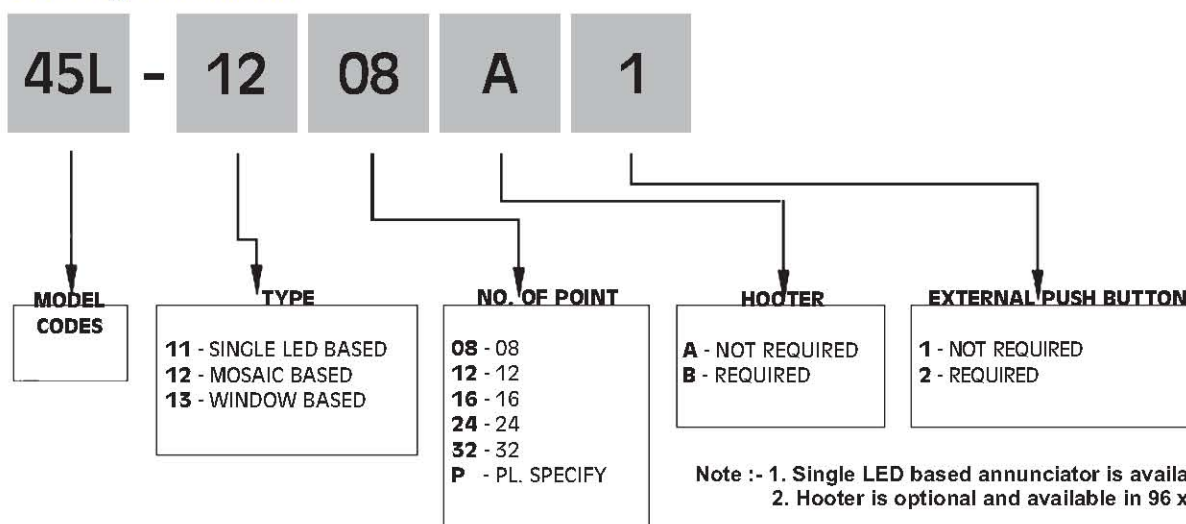
# Pyrotech



## SPECIFICATIONS

Model No. →	45L - 11...	45L - 12...	45L - 13...
No. of point	Upto 8 Point.	Upto 32 Point.	Upto 32 Point.
Type	Single LED based.	Mosaic based.	Window based.
Bezel size	72(W)x144(L)x200(D) mm.	228(W)x252(H) mm (upto 16 pt.) 420(W)x252(H) mm (upto 32 pt.)	144(W)x144(H) mm(upto 16 pt.) 288(W)x144(H) mm(upto 32 pt.)
Cutout size	68(W) x 138(L) mm.	208(W)x232(H) mm (upto 16 pt.) 400(W)x232(H) mm (upto 32 pt.)	138(W)x138(H) mm(upto 16 pt.) 282(W)x138(H) mm(upto 32 pt.)
Output	Single LEDs.	LED window.	LED window.
Contact rating of display	Two Relay contacts for hooter & ring back hooter. (Optically isolated) 6 Amp. At 230 VAC.		
Type of display	Single LEDs on label holders.(red)	High intensity LED display.(red/green/amber)	
No. of LEDs	1 LED per label holder.	16 LEDs per window.	4 LEDs per window.
Window size	10(H) x 45(W) in mm.	48(H) x 48(W) in mm.	32(L) x 28(H) in mm.
Flash rate	55-65 flash /min in fast flash and 25-35 flash/min in slow flash.		
Mode of operation	(1) Site settable alarm sequence by dip switch. (2) Site settable NO/NC fault sequence by dip switch.		
Operating sequence	(1) Auto reset. (2) Manual reset. (3) First - up. (4) Ring back. (As per ISA standard)		
Push button	Built-in push buttons for Test, Mute, Accept & Reset & external connections for push buttons.	Terminal for Test, Mute, Accept & Reset push button.	a) External conn.for push buttons. b) Built-in push buttons for Test, Mute, Accept & Reset.(optional)
Power consumption of display	65 mW per window (max.)	720 mW per window (max.)	120 mW per window (max.)
Anti-humidity treatment	Acryform conformal coating on PCB.		
Power fuse	1.5 Amps.	5 Amps.	2 Amps.
Response time	Less than 40 m sec.		
Insulation resistance	200 MW at 1000 VDC.		
Power supply	SMPS (90-264 VAC, 50 Hz.).		
Operating ambient	Temperature : 0-60°C, Humidity : 5-95%RH.		
Mounting	Flush panel.		
Housing	MS instrument cabinets.	Galvanised aluminium extr. frame.	MS instrument cabinets.
Terminals	Suitable for conductor upto 1.5 Sq.mm wire.		

## Ordering Information



Specifications are subject to change without prior notice.

**Manufacturing facilities :**  
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