

RTK P725LO range

Display facias

- **A range of display types, sizes and configurations**
- **LED illumination**
- **Modular construction so displays can be matched to your exact requirements**
- **All units available in six window colours**
- **All units supplied complete and ready to panel mount**
- **Low installed depth**



A variety of display formats for alarm and status indication.

Designed to complement our range of MTL alarm annunciators and instrumentation products the display facias provide a range of cost effective products to show alarm and plant status in the clearest possible way.

The main ranges covers different applications and industries. All panels are modular in construction so can be configured to suit the exact shape and size requirements.

Various window sizes and styles are available, all back-lit by "fit and forget" ultra-bright LED assemblies to provide the clearest possible display to operators.

Alarm text is provided in the form of laser printed film legends, which allows changes to be easily made as plant needs evolve.

P725LO DISPLAY FACIA

This is a lamp-only version of the best selling 725 range alarm annunciator. Using the same modular construction, frame assembly and illumination method means these displays will match exactly the full annunciator system.



Window details

The P725LO is available in three different window sizes, small, medium and large:

Small	30 x 30mm
Medium	60 x 30mm (W x H)
Large	60 x 60mm

The display is built up from multiple cells; each cell has dimensions of 60 x 60mm and can be configured as a single large window, two medium windows or four small windows.

Display size

Almost any size and format can be constructed using the basic cell structure, with a window size being selected from above or if required intermixed windows can be supplied. The maximum overall size either vertically or horizontally is 30 cells.

Window colours

All three window sizes are available in the following six colours.

- Red
- Amber
- Yellow
- White
- Green
- Blue

Supply voltage

24VDC is normally used to power the illuminated windows.

Standard systems are supplied with a positive common linked internally. This allows externally switched 0V signals to initiate each channel as required.

As an option, systems with a common 0V can be used instead, allowing +24VDC switched inputs to be used. This must be specified at the time of ordering.

Integral components

As these displays are used for alarm indication it is often necessary to include pushbuttons and audibles within the display itself to acknowledge and reset alarms. These are normally fitted in the bottom right hand cell.

Window marking

Displays can be configured with the required filter colours and film legends to suit the exact customer's requirements or alternatively we can supply a template to allow users to create their own legends locally.

Connections

The standard display has rear mounted rising clamp terminals suitable for solid or stranded cable up to 2.5mm². There is a single terminal for each window and a common return to simplify the system wiring.

TECHNICAL SPECIFICATION

LED version

"Fit and forget" ultra-bright removable LED assemblies (2 LED's per assembly) that plug into the standard 10mm wedge lamp socket

Small window	20 mA
Medium window	40 mA
Large window	80 mA

Environment

Operating temperature:

-20 to 60°C

Storage temperature: -20 to 80°C

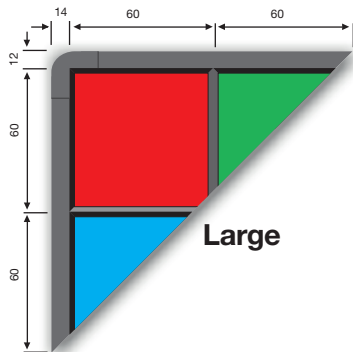
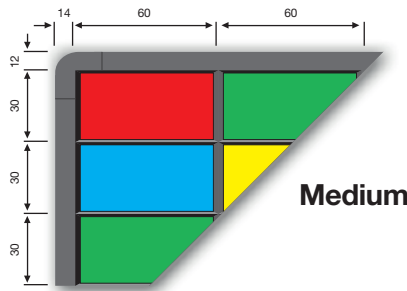
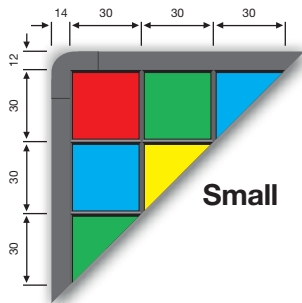
Humidity: 0-95% RH non condensing

Protection

Front of panel IP41
Rear of panel IP20

Compliance

Immunity to EN61000-6-2:2001
Emissions to EN61000-6-4:2001
LVD to EN61010-1:1993



Small:	Height = 24 + (rows x 30)
	Width = 24 + (columns x 30)
Medium:	Height = 24 + (rows x 30)
	Width = 24 + (columns x 60)
Large:	Height = 24 + (rows x 60)
	Width = 24 + (columns x 60)

For cutout size subtract 14mm from each dimension



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