

Pushbutton

Type US85

Publication Number PB017/1211

Application

The 60mm square US85 Pushbutton is intended for those applications requiring a highly visible, easily operated pressel. It is also sufficiently rugged in construction for heavy usage or vandal-resistant applications.

It is ideal for use in a wide range of lift applications, from nursing homes and hospitals where the requirement is for an easy to operate button, to busy airports and lobbies where the requirement is for a readily identifiable button.

Operation

Operation of the spring-return pressel provides generous follow-through action of all contacts when pressure is applied at any point on the pressel face. Illumination of the integral bulb or LED Illuminator produces a halo of red light between the pressel and its bezel via the patented hidden recess that encircles the pressel. Standard illumination is by 12V or 24V incandescent bulb with other voltages available on request. 12V and 24V LED illumination can be supplied to order, details can be found on data sheet number PB026.

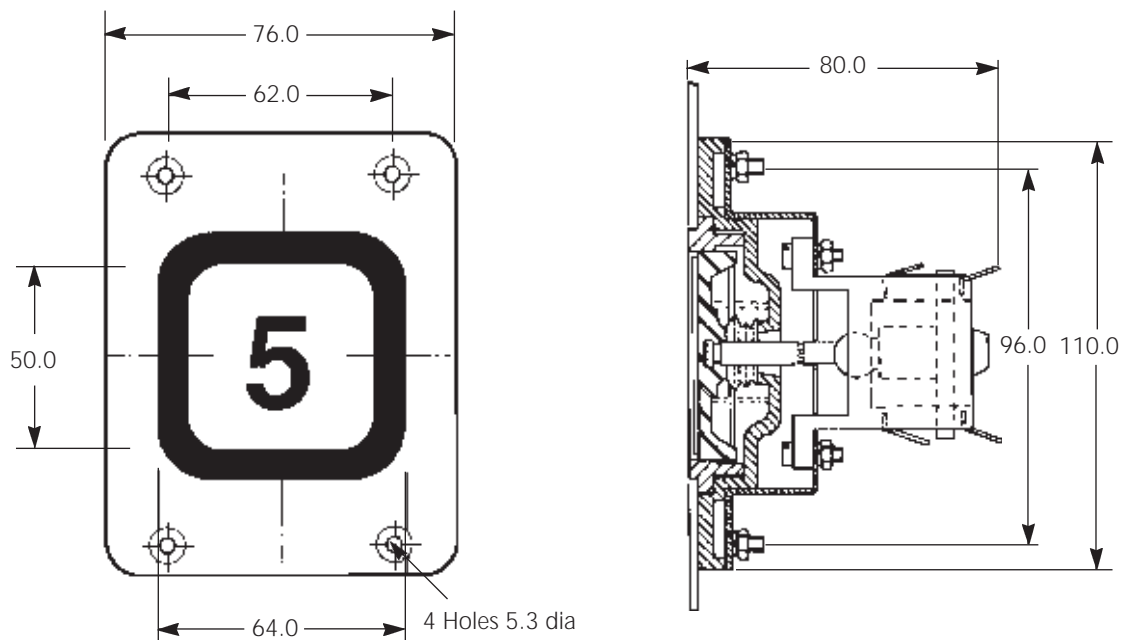
Construction

The stainless steel faced pressel moves in a solid red coloured polycarbonate bezel that is securely fixed to the back of the faceplate together with the unit body. A compression spring supported by the body holds the pressel forward; any follow through pressure on the pressel above that required to close the contacts is borne by the unit body. The frontal presentation of the unit has passed an IP46 test in accordance to EN60529. The contact arrangement is 1 N/O and 1 N/C. Contacts are solid silver, rated at 3A @ 240V a.c., 0.5A @ 240V d.c. All terminals are for 250 series push-on connectors.

The US85 Pushbutton can be supplied loose or incorporated in 1.5mm or 2.5mm faceplates. Please contact us for mounting details.

Marking

The large US85 pressel comprises a flat stainless steel face on which legends/symbols are custom engraved and coloured.



Cutout & studding details

