# US92 Compact 2

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## Dewhurst US93 Compact 2 Pushbutton

The US93 Pushbutton is the most vandal resistant of the pushbuttons within our range. The stainless steel pressel is set within a stainless steel bezel, which it bottoms out on, making it highly resistant to impact attacks. Illumination is provided through a small insert moulded lens in the centre of the button. Although the US93 is extremely vandal resistant, its clean lines have made it very popular and it has been used in some of the most prestigious installations around the world as well as some of the harshest.

## Features & Benefits

- Classic Design
- Highly vandal resistant
- Pressel/surround assembly is locked to the faceplate
- Large range of pressel legends
- Matching range includes keyswitches, rocker switches and indicators
- Also available with C3 body
- Meets EN81-1/2, EN81-71 (Category 2), EN81-72, EN81-73, EN60529 (IP44)

## Illumination, Finishes & Marking

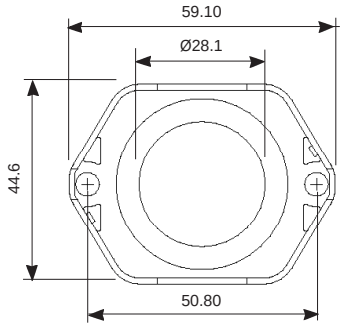
- Non or red illumination as standard
- Stainless steel pressel finish



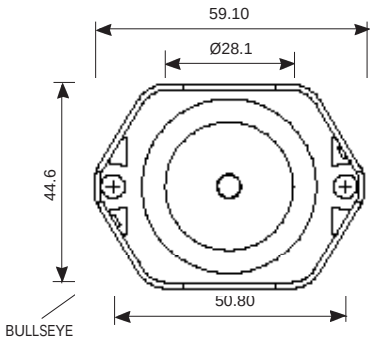


**Non or red illumination**

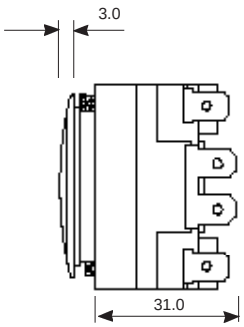
## Dimensions




**US93 NON ILLUMINATED**




**US93 ILLUMINATED**

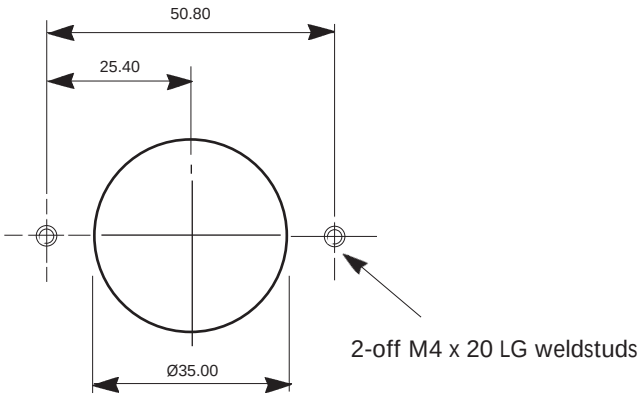



Compact 2 Pushbuttons can be supplied loose or incorporated into stations with 1.5mm or 2.5mm stainless steel faceplates, with a vertical pitch of 50mm and horizontal pitch of 60mm i.e the pushbutton body can be rotated through 90 degrees (horizontal version shown above). If pushbuttons are supplied loose, spacers are provided to accommodate the differing faceplate thickness.

## Technical Details

| | | | |
|---|---|---|---|
| Weight: | 96grms | | |
| Moulded in: | High grade polycarbonate | | |
| Pressel plate material: | 304 stainless (standard) | | |
| Pressel plate area: | 620mm² | | |
| Button force: | 3.5N | | |
| Pushbutton size: | 59.1mm w x 44.6mm h x 32.0mm d | | |
| Pressel size: | Ø28.1 x 3.0 deep | | |
| Legend size: | N/A | | |
| LED current: | 20mA (typically) | | |
| LED voltage: | 12/24/30/48/110V a.c./d.c. ±15% | | |
| Operation: | Wiping action, slow make and break with solid silver contacts | | |
| Ratings: | 10 amps max | | |
| | 240V a.c. at 3.0 amps max. resistive loads | - min. no. of operations: | $1 \times 10^6$ |
| | 240V d.c. at 0.5 amps max. resistive loads | - min. no. of operations: | $2 \times 10^6$ |
| | 110V d.c. at 100mA max. inductive TC40ms | - min. no. of operations: | $1 \times 10^6$ |
| | 12V d.c. at 5mA max. resistive loads | - min. no. of operations: | $10 \times 10^6$ |
| Contact arrangements: | 2 N/O, 2 N/C or 1 N/O + 1 N/C | Please note that it is possible for the N/O contact to make before the N/C contact has opened on the 1 N/O + 1 N/C configuration | |
| Code compliance: | Meets EN81-1/2, EN81-71(Category 2), EN81-72, EN81-73 | | |
| IP Rating: | EN60529 (IP44) | | |

## Cutouts & Stud Positions



## Cleaning your US93 Pushbutton

Many **Dewhurst** lift products are made of **polycarbonate** (Using GE's **Lexan**® or Bayer's **Makrolon**®).

The US93 is highly durable and vandal resistant but the plastic parts can be damaged by aggressive cleaning agents, Dewhurst therefore recommends:



Clean the part with a **cotton cloth and warm water** before applying the cleaning product



Use **PH-neutral or slightly acid cleaning products only** (including aromatised ones) Ethylic alcohol, isopropyl alcohol or ethylene glycol based multipurpose cleaning products and dish soaps are suggested.



Dilute the cleaning product in warm water and apply using a wet cotton cloth.



**Grease, glue and paint** may be removed with ethylic alcohol or isopropyl alcohol.

***Recommended Cleaning Products (*):***

| **Europe** | **North America** |
|---|---|
| Windus - Brial Top - Ecolab<br>Mr. Proper Surfaces Delicates - Proctor & Gamble<br>Palmolive, Colgate Palmolive | Formula 409® Cleaner Degreaser<br>Joy®, Proctor & Gamble<br>Windex, Drackett Products<br>Palmolive, Colgate Palmolive |

*(*) Due to the vast number of cleaning products available on the market, the list of recommended products above is an illustration only*

***Note:***

- Do not use abrasive cleaning agents
- Do not use sharp tools to remove dirt (chewing gum, glue, etc.)
- Do not use solvents based with Ketones, benzene, methanol, toluene (also known as methylbenzene or phenyl methane) or alkaline and ammonia based cleaning agents
- Do not use cleaning agents at high temperatures
- Do not leave cleaning agents on the parts for long periods: remove immediately after cleaning using a wet cotton cloth and warm water
- Do not use dry cotton cloths and sponges