US94 Compact 3/Compact 3P

Publication Number: PB3110 DEC/11



Dewhurst US94 Compact 3/3P Pushbutton

The US94 Pushbutton is a classic square button with a clean, timeless appearance. It has a black surround with an opal pressel, which is covered by a clear cap. On call acceptance the whole of the opal pressel illuminates and there are a wide variety of colour options. The US94 is available with the standard Compact 3 body or Compact 3P, a useful option for surface mount fixtures.

Features & Benefits

- 15mm legend
- Classic design
- Complete pressel illumination
- range of pressel legends
- Also available with C2 body
- Meets EN60529 (IP54))

US94 Compact 3/Compact 3P

Publication Number: PB3110 DEC/11

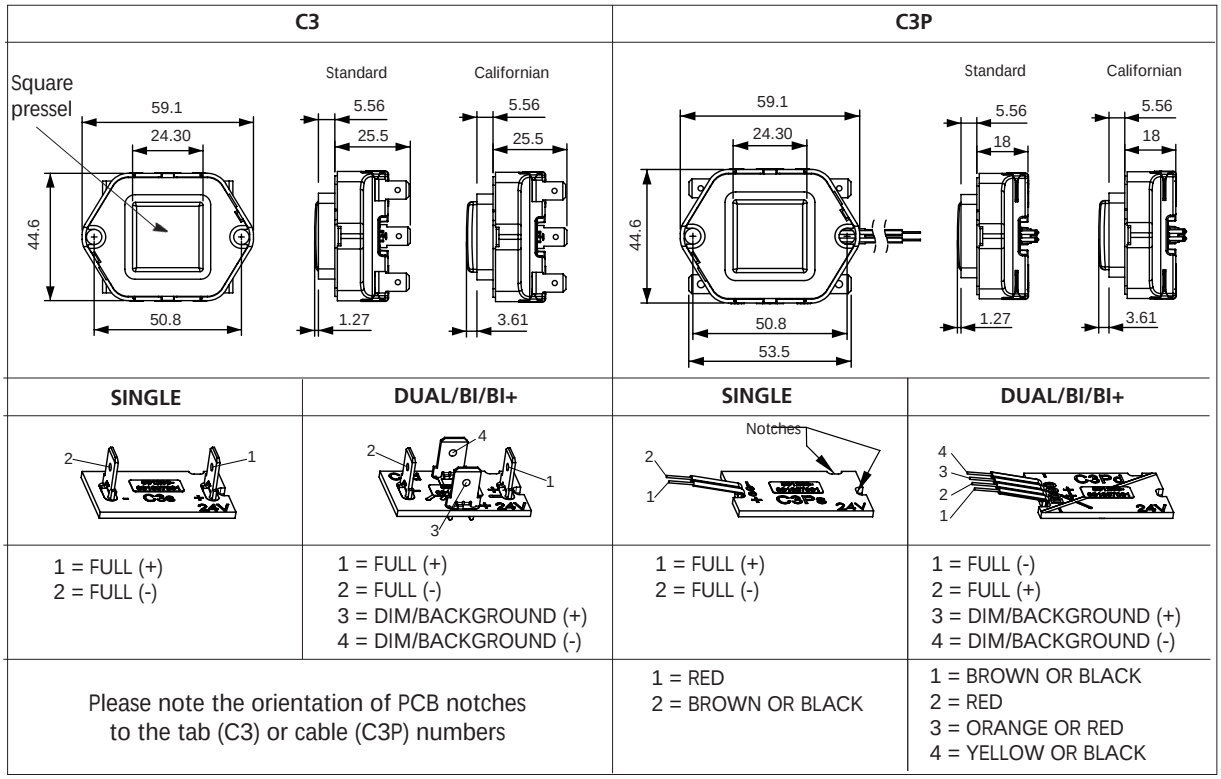
Illumination, Finishes & Marking

- Wide range of colours for illumination including (non), red, yellow, green, blue and white
- Single, dual and bicolour illumination
- A range of legends & symbols are available



Colours

Dimensions



SINGLE	DUAL/BI/BI+	SINGLE	DUAL/BI/BI+
1 = FULL (+) 2 = FULL (-)	1 = FULL (+) 2 = FULL (-) 3 = DIM/BACKGROUND (+) 4 = DIM/BACKGROUND (-)	1 = FULL (+) 2 = FULL (-)	1 = FULL (-) 2 = FULL (+) 3 = DIM/BACKGROUND (+) 4 = DIM/BACKGROUND (-)
Please note the orientation of PCB notches to the tab (C3) or cable (C3P) numbers		1 = RED 2 = BROWN OR BLACK	1 = BROWN OR BLACK 2 = RED 3 = ORANGE OR RED 4 = YELLOW OR BLACK

Compact 3/3P 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 (C3) or 80mm (C3P) 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.

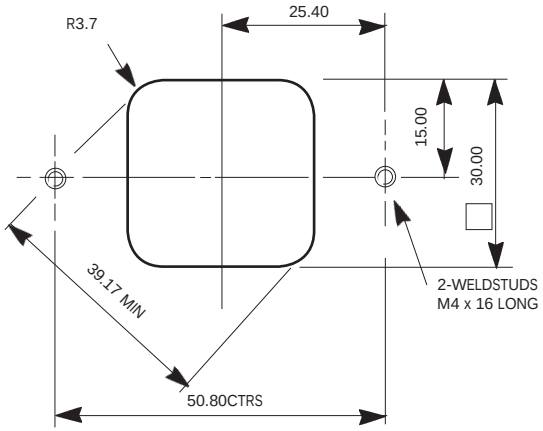
US94 Compact 3/Compact 3P

Publication Number: PB3110 DEC/11

Technical Details

Weight:	40grms		
Moulded in:	High grade polycarbonate		
Pressel plate material:	High grade polycarbonate		
Pressel plate area:	620mm²		
Button force:	3.5N		
Pushbutton size:	C3 = 59.1mm w x 44.6mm h x 25.5mm d		
	C3P = 59.1mm w x 44.6mm h x 18mm d		
Pressel size:	24.2mm w x 24.2mm h x 7.83mm d (B44) or 9.17mm d (Californian)		
Legend size:	15mm high		
LED current:	20mA (typically)		
LED voltage:	6/12/24/110V a.c./d.c. ±15% (6V only available in red and yellow)		
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:	1×10^6
	240V d.c. at 0.5 amps max. resistive loads	- min. no. of operations:	2×10^6
	110V d.c. at 100mA max. inductive TC40ms	- min. no. of operations:	1×10^6
	12V d.c. at 5mA max. resistive loads	- min. no. of operations:	10×10^6
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	
IP Rating:	EN60529 (IP54)		

Cutouts & Stud Positions



Publication Number: PB3110 DEC/11

Cleaning your US94 Pushbutton

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

The US94 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 Mr. Proper Surfaces Delicates - Proctor & Gamble Palmolive, Colgate Palmolive	Formula 409® Cleaner Degreaser Joy®, Proctor & Gamble Windex, Drackett Products 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