

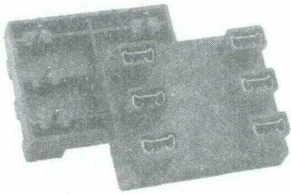


## GE Push Buttons

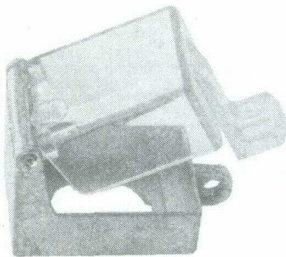
# C-2000™ Push Buttons

600 Volts Max. AC/300 Volts Max. DC  
10 Amps. Continuous AC/2.5 Amps. Continuous DC

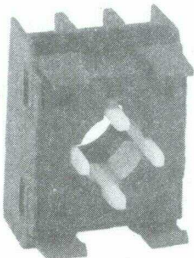
### Accessories



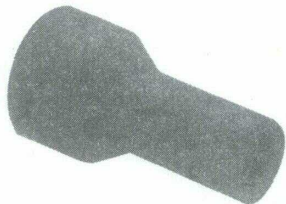
Printed Circuit Board Adapter



Padlocking Device  
With Clear Cover

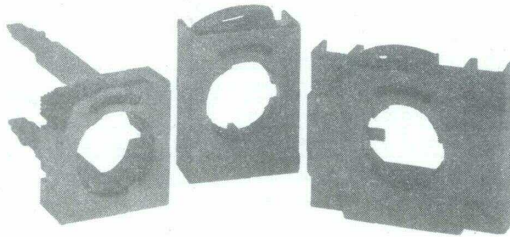


Push-On/Push-Off Device



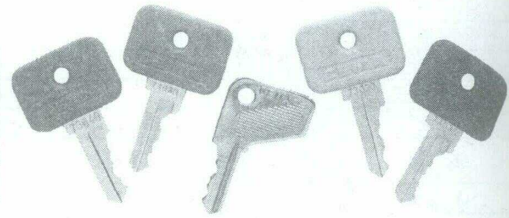
Lamp Extractor

### Flanges



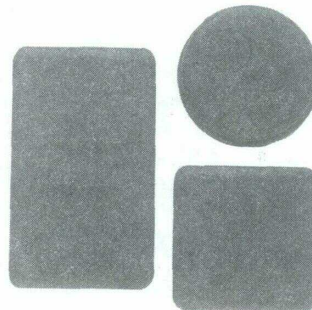
### Spare Keys

(For All Operator Styles)

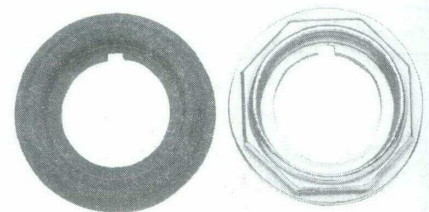


Description (All Include 2 Keys)	Catalog No.	List Price, ① GO-10GC
Standard Keys #3095	077C3095	\$1.50
Special Keys #3353	077C3353	2.00
Special Keys #9901	077C9901	2.00
Special Keys #9902	077C9902	2.00
Special Keys #9903	077C9903	2.00
Special Keys #9904	077C9904	2.00
Special Keys #9905	077C9905	2.00
Special Keys #9910	077C9910	2.00
Special Keys #9916	077C9916	2.00
Special Keys #9919	077C9919	2.00
Special Keys #R455 (Ronis key)	077CR455	2.00
Yellow Colored Keys #73033	077CF73033	2.00
Black Colored Keys #73034	077CF73034	2.00
Red Colored Keys #73037	077CF73037	2.00
Blue Colored Keys #73038	077CF73038	2.00
Orange Colored Keys #73040	077CF73040	2.00

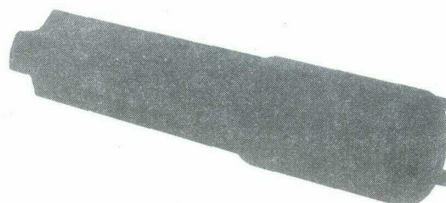
① Package quantity is five; order in multiples of five.



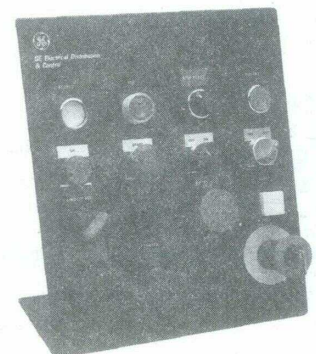
Enclosure Hole Plugs



Ring Reducers, Black  
Plastic and Polished Chrome



Locking Ring Wrench



Assembled 16-Device Tabletop Display

9 PUSH BUTTONS



## GE Push Buttons

# CR104P Heavy-Duty Push Buttons

600 Volts Maximum AC/DC  
10 Amperes Continuous

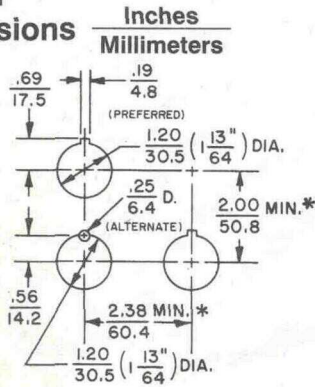
## Technical Data, Dimensions

### Mounting

CR104P push buttons are designed for front mounting, with or without nameplates, in 1<sup>13</sup>/<sub>64</sub>" diameter holes. Operators are provided with an octagonal ring, spacers, and gaskets to ensure an oiltight, uniform front protrusion.

### Drilling Plan

#### Dual Dimensions



Acceptable panel thickness 0.04 - 0.25 inches (1.02 - 6.35mm)

### Mechanical Life Ratings

Operator	Number of Operations
Standard push buttons	3,000,000
Illuminated push buttons (including push-on/push-off)	1,000,000
Momentary mushroom-head push buttons	3,000,000
Maintained & push-to-latch, turn-to-release mushroom-head push buttons	500,000
Selector switches (all)	1,000,000
Joysticks	500,000
Toggle switches	500,000
Wobble sticks	1,000,000
Key-operated push buttons	500,000
Selector push buttons	1,000,000
Time-delay push buttons	1,000,000

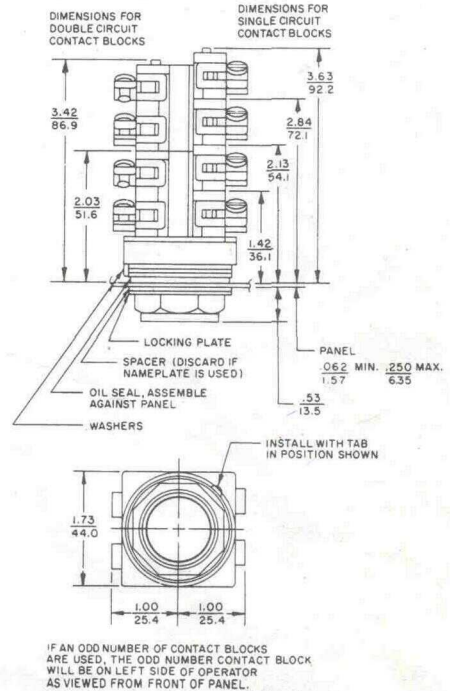
### Electrical Life Ratings

Push buttons—5,000,000 operations
Selector switches—500,000 operations

### Maximum Contacts

Operator	Single Circuit		Double Circuit	
	Blocks	Contacts	Blocks	Contacts
Nonilluminated selector switches (excluding 4-position)	6	6	6	12
Combination (push-turn)	6	6	6	12
Nonilluminated momentary push buttons (incl. mushroom-head)	8	8	4	8
Illuminated momentary push buttons	4	4	2	4
Push-to-latch/turn-to-release mushroom-head push buttons	4	4	4	8
Cylinder lock push buttons	4	4	4	8
Illuminated selector switches	4	4	2	4
3-position & 5-position joysticks	4	4	4	8
Push-pull illuminated mushroom-head push buttons	2	2	2	4
Push-pull nonilluminated mushroom-head push buttons	2	2	2	4
Nonilluminated 4-position selector switches	—	—	2	4
Push-pull illuminated push buttons	2	2	—	—

### Dual Dimensions Inches Millimeters (For Estimating Only)



For dimensional information on other operators, contact nearest GE Industrial Systems—Electrical Distribution and Control Representative. Manufacturing tolerances apply to all untoleranced dimensions.

Panel thickness (inches)	No. of washers required
.062	3
.093	2
.125	2
.188	1
.25	0

### Materials

Component	Material
Cap (nonilluminated)	Unfilled polyacetal
Cap (illuminated)	Polycarbonate
Metal housings	Chromium- or zinc-plated zinc ingot
Plastic housing	Nylon
White plunger	Unfilled polyacetal
Flange	Nylon
Grease	Good for temperatures of -42° to +204°C
Plate spacer	Polycarbonate
Locking plate	Chromium-plated zinc ingot
Locking ring	Chromium-plated zinc ingot
Hexagonal ring	Chromium-plated zinc ingot
Contact block housing	Nylon
Cam	Unfilled Polyacetal
Cam follower	Unfilled Polyacetal
Joystick protective housings	Vinyl nitrile
Terminal screw	#6-32
Gasket	Vinyl nitrile
Contacts	Silver alloy
Push button guards	Chromium-plated zinc ingot
Wobble stick	Aluminum
Key	Brass
Protective caps	Silicon rubber
Locking attachment	Polycarbonate