



GE Power Controls



Push Button Actuators and Pilot Lights



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GE offers a wide range of Ø22.5 Push button actuators and pilot lights. Packed with user friendly features and backed by our extensive distribution network, these products are suited for the customer's requirement: higher contact reliability, aesthetic design, simplicity of connection, increased user's safety and compactness. GE Push button actuators and pilot lights are certified by Bureau of Indian Standards, CSA and conforms to IEC 947-5-1 and IS13947-5-1 and also to European Standards EN.

Non Illuminated Actuators

The range of 22.5 mm dia actuators include flush, projecting, booted, mushroom, key selector, selector and twin supplied with bracket. The circular actuators have chrome plated metal bezels and are functionally interchangeable on the different types of contact elements. These are available in following colours - red, green, yellow, blue, white and clear.

Selector Actuators

These are available in two and three positions with the following classifications:

Two Position

- Spring Return
- Stay put

Three Position

- Spring Return
- Stay put
- Spring Return from left hand
- Spring Return from right hand

Illuminated Actuators

Actuators are available in Yellow, Red, Amber, Blue, Green, White and Clear colours. The range include flush, projecting, projecting push-push, selector, twin supplied with LED indicators. As an option illuminated actuators are also supplied complete with bracket, lamp holder for direct

connection without resistance as well as with resistance / resistance and diode in series.

Pilot Light

The standard Pilot Lights range is available with LED suitable for operating at various voltages. Pilot Lights with incandescent lamps are available as an option.

Supplied with lens assembly, bracket, lamp, holder for direct connection without resistance as well as with resistance / resistance and diode in series. The pilot lights are designed to have terminals with combi screws. The pilot lights are available with AC or DC voltages.

Contact Elements

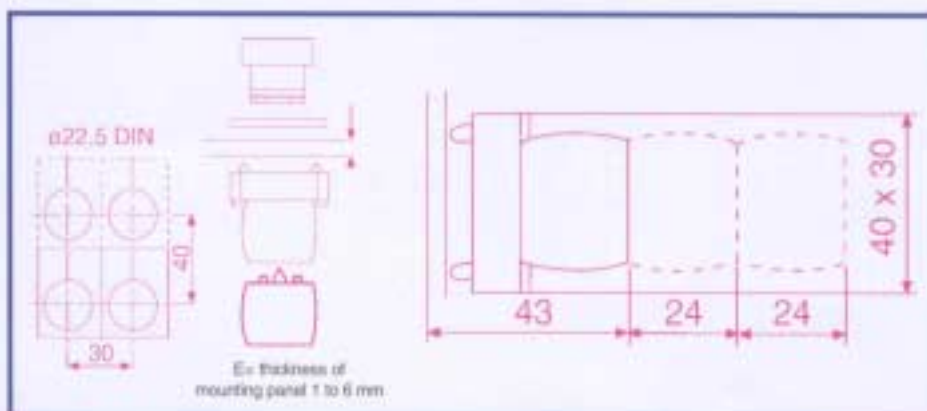
The contact elements either NO or NC are double break and have self wiping contacts.



The elements are inter-changeable and can be stacked without additional hardware. 1 to 6 contact elements can be used with pushbutton and selector switches. For illuminated actuators 1 or 2 contact elements can be used.

Mounting

These control devices can be fixed in any position on panels of 1 to 6 mm thickness. Minimum fixing centres of 30mm X 40mm is recommended. However the dimensions and configuration should be selected on the basis of the application. The actuators and the lens assemblies lock on to the holding bracket, tightened equally from the rear. The screws should be tightened adequately to such an extent as to pierce throughout the paint on the panels from inside. The screws also ensure the earthing of the unit.



Technical Data

Rated Operational Voltage Ue	: 600V AC, 50 Hz
Rated Insulation Voltage Ui	: 600V AC, 50 Hz
Rated Thermal Current	: 10A
Back-up HRC fuse rating	: 10A cartridge fuse HRC type
Contact Operation	: Self Wiping, slow break NO or NC
Mechanical Life	: Over 1 million operations
Degree of Protection	: IP 65
Operating Temperature	: -25° to +70°
Terminal Marking	: 1-2 for NC, 3-4 for NO
Terminal Capacity	: Maximum 2 X 1.5 mm ² or 1 X 2.5 mm ² Minimum 1 X 0.5mm ²
Altitude	: Less than 3000m
Current Ratings	: AC 15, 5A, 240V AC DC 13, 1.1A, 250V DC

ORDERING INFORMATION

Item	GE Code
Non Illum. Flush Actuator	PFA*
Non Illum. Projecting Actuator	PPA*
Non Illum. Booted Actuator	PBA*
Non Illum. Mushroom Actuator (Spring Return)	PMA*
Non Illum. Jumbo Mushroom Actuator (Spring Return)	PMJA*
Non Illum. Stayput Mushroom Actuator (PL, TR)	PMT*
Non Illum. Jumbo Mushroom Actuator (PL, TR)	PMJT*
Non Illum. Twin Actuator (Green Red O) Flush	PFAD
Non Illum. Twin Actuator (Green Red O) Projecting	PPAD
Lockable Stayput Mushroom Actuator with key	PMTK*
Lockable key actuator (2 position) Removable in both	PK2A
Lockable key actuator (2 position) Removable in left	PK2L
Lockable key actuator (2 position)removable in right	PK2R
Lockable key actuator (3 position)	PK3A
Lockable key actuator (3 position)	PK3L
Lockable key actuator (3 position)	PK3R
Selector Actuator (2 pos)Stay put	PSM2
Selector Actuator (3 pos)stay put	PSM3
Selector Actuator (2 pos)Spring return	PSS2
Selector Actuator (3 pos) Both spring return	PSS3
Selector Actuator (3 pos) Left spring return Right stay put	PSSL3
Selector Actuator (3 pos) right spring return left stay put	PSSR3
Pilot Light with integral LED	PL***
LED PB Act. Flush Lum.	PFIL***
LED PB Act. Lum. Proj	PPIL***
LED PB Act. Lum. Proj. Push-Push	PBIL***
LED PB Act. Lum. Selecto. 2 Position	PSML2***
LED PB Act. Lum. Selector 3 Position	PSML3***
LED PB Act. Lum. Selctr. 2 Posn. Spring Return (12, 24 & 48V)	PSSL2***
LED PB Act. Lum. Twin (Green Red O 12, 24 & 48V)	PFLAD***
LED PB Act. Lum. Twin (Green Red O 110 & 230V)	PPLAD***
Lum. Selctr. Act. 2P w/o R & bulb(110, 48, 24V)	PSSB2***
Lum. Selctr. Act. 2P with R w/o bulb(220, 110, 48, 24V)	PSSBR2***
Lum. Selctr. Act. 3P w/o R & bulb(110, 48, 24V)	PSSB3***
Lum. Selctr. Act. 3P with R w/o bulb(220, 110, 48, 24V)	PSSBR3***
Lum. PB Act. Flush w/o R & bulb (110, 48, 24V)	PFIB***
Lum. PB Act. Flush with R w/o bulb (220, 110, 48, 24V)	PFIBR***
Lum. PB Act. Proj. w/o R & bulb (110, 48, 24V)	PPIB***
Lum. PB Act. Proj. with R w/o bulb (220, 110, 48, 24V)	PPIBR***
Lum. PB Act. Proj. P-P w/o R & bulb (110, 48, 24V)	PBIB***
Lum. PB Act. Proj. P-P with R w/o bulb (220, 110, 48, 24V)	PBIBR***
Lum. PB Act. Twin w/o R & bulb(Green Red O 110, 48, 24V)	PFBAD***
Lum. PB Act. Twin with R w/o bulb(Green Red O 220, 110, 48, 24V)	PFBADR***

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ORDERING INFORMATION CONTINUED...

PL w/o R & bulb (110, 48, 24V)
 PL with R w/o bulb (220, 110, 48, 24V)
 Contact Element 1NO
 Contact Element 1NC

FB***
 PBR***
 PCLF10
 PCLF01

Accessories

Legend Plates with inscription.
 Adaptors for assy of 22.5 dia CG in 30.5 dia
 Spare Boots
 Blind Plugs
 Lens for Lum. Act.
 Lens for PL
 Filament Bulb
 Bulb Extractor
 Lens for Twin Act.

PLP
 PAA
 PRB
 PBP
 PAL*
 PLL
 PIB*
 PBE*
 PTAL*

Colour	Code
Yellow	1
Red	2
Blue	4
Green	5
Clear	8
White	7

How to order?

For Cat nos. having single * add the codes as shown below
 Eg : PFA* - PFA7 which will mean **White Non-Illuminated Flush Actuator**

K(*)	Nature of Voltage	Code
	AC	A
	DC	D
II(**)	Voltage rating	Code
	12	B
	24	D
	48	G
	110	J
	230	N
III(***)	Colour of Lens	Code
	Yellow	1
	Red	2
	Amber	3
	Blue	4
	Green	5
	Black	6
	White	7

How to order?

For Cat nos. having three *** add the codes in sequence to complete ordering information as shown below, here the **First *** will indicate **Nature of Voltage**, **Second *** will indicate **Voltage Rating** and the **Third *** will indicate the **Colour of Lens**
 Eg : PSSBR2*** - when written as PSSBR2AN5 will mean
Green Luminous Selector Actuator 2 Pole with Resistance without Bulb 230 volts AC.



We are committed to continuous development and improvement of our products and the specifications are subject to change without notice. Please contact our nearest sales office for confirmation.



GE Power Controls

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