



[SINCE-1989]

PUSH BUTTON STATIONS



PTR-2



PTR-4



PB-P6



PB-1829



PTR-8

GSTIN No. 09AAECS4924J1Z2



ISO 9001:2015
Certified



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PUSH BUTTON STATIONS

Efficiency, Durability, Reliability and Innovation has been the motto and main consideration in manufacturing STS type Push Button Stations.

STS Push Button Stations are ideally suitable for control of Cranes, Trolleys, Hoists, Machine tools, Moulding Machines, Control Power Stations and many more industrial requirements, Push Button Stations are available in Alluminium casting and Die-casting housing, suitable for **Surface and Pendent** mounting Enclosures are chemically treated with appropriate and Selected grades of industrial paints.

STS Push Button incorporates proven type contact elements thus ensuring reliable and durable operation even at Low-Voltages. Push Buttons are available either with 1NO/1NC or 1NO+ 1NC contact blocks. The Push Buttons Stations generally available in standard version of Shrouded Push Button. But custom-design Push Button Stations are available with meter, emergency Stayput, Selector Switches are made per any specific requirement. **Canopy** Type Push Button Stations are also manufactured. STS make Pendent Type Push Button Stations available from 1unit to 18 unit. The enclosure is designed with ample space for wiring. Cable entry size is provided 3/4" or 19 mm from top or bottom. Push Button stations are provided with appropriate legend plates.

RANGE

STS Push Button Stations are available in four different range :-

- | | | |
|---------------------|---|---|
| a) Flush Mounting | : | From one way to 8 way |
| b) Pendent Mounting | : | From one way to 18 way. |
| c) Canopy Type | : | Suitable for both surface and pendent mounting |
| d) Custom Built | : | Available as per specific requirement of valuable customer : having meter, selector, stayput & key actuators etc. |

SALIENT FEATURES

- Available in surface and pendent mounting
- Ample wiring space is provided inside the enclosure.
- 3/4" or 19 mm cable entry is provided on top and bottom
- Treated chemically having industrial paint shades.
- P.B. stations are available with IP 54 and IP 65
- Die electric strength is tested 2.5 KV, 50 Hz to the relevant I.S: 13947-5-1, 1993
- Insulation resistance is above 100 MΩ.
- Element are provided having silver contacts tips.
- P.B. stations available having ø 30.5 mm and ø 22.5 mm Push Buttons.
- Appropriate sealing gaskets are provided.
- Each Push Button is provided with legend plate.



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PUSH BUTTON STATIONS

ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>One way P.B.STATION having standard \varnothing 22.5 mm P.B. Actuator with 1 NO (E-1) or 1NC (E-2) element suitable for surface mounting</p> <p>Cat No. PTR-1</p>	
	<p>Canopy type One way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator with 1 NO (E-1) or 1NC (E-2) element suitable for surface mounting</p> <p>Cat No. PTR-1C</p>	
	<p>Two way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator for start with 1 NO (E-1) and stop 1NC (E-2) element suitable for surface mounting</p> <p>Cat No. PTR-2</p>	
	<p>Canopy type Two way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator for start with 1 NO (E-1) and stop 1NC (E-2) element suitable for surface mounting</p> <p>Cat No. PTR-2C</p>	
	<p>Three way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator for start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1) element suitable for surface mounting</p> <p>Cat No. PTR-3</p>	



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PUSH BUTTON STATIONS

ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>Four way P.B. STATION having standard ϕ 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1) element suitable for surface mounting</p> <p>Cat No. PTR-4</p>	
	<p>Six way P.B. STATION having standard ϕ 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), ON (E-1), OFF(E-2) element suitable for surface mounting</p> <p>Cat No. PTR-6</p>	
	<p>Eight way P.B. STATION having standard ϕ 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), ON (E-1), OFF(E-2) Fast(E-1), Slow(E-1) element suitable for surface mounting</p> <p>Cat No. PTR-8</p>	
	<p>Pendent Type One way P.B. STATION having standard ϕ 22.5 mm P.B. Actuator with 1 NO (E-1) or 1NC (E-2) element suitable for pendent mounting</p> <p>Cat No. PB-P1</p>	



PUSH BUTTON STATIONS

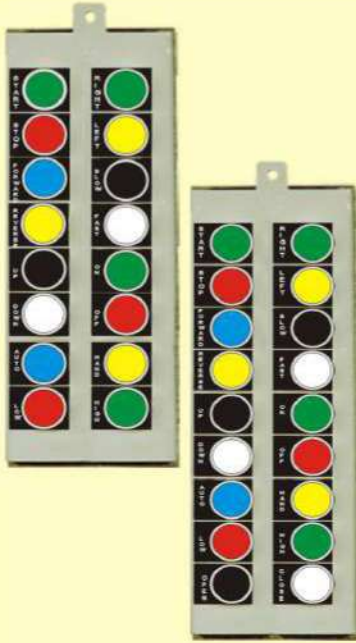
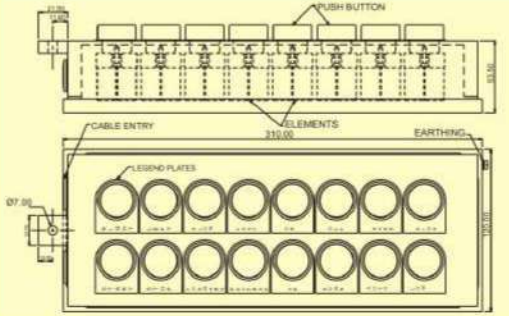
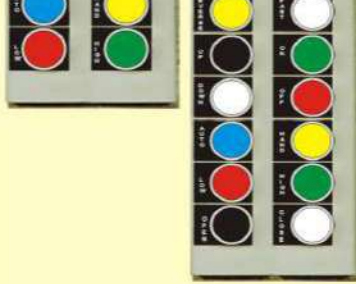
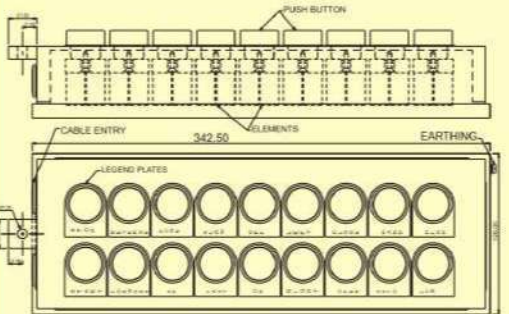

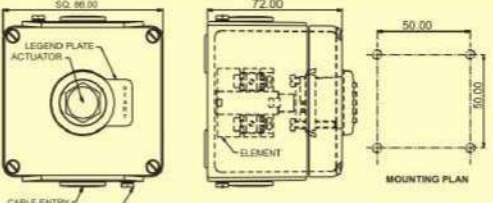

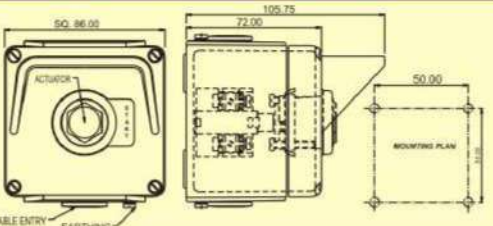

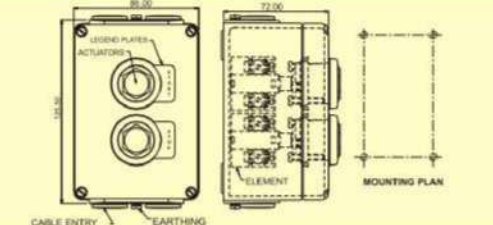
SELECTION TABLE

ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>Pendent Type Six way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), UP(E-1), DOWN(E-1) element suitable for pendent mounting</p> <p>Cat No. PB-P6</p>	
	<p>Eight way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), Up (E-1), Down(E-2) Fast (E-1), Slow(E-1) element suitable for Pendent mounting</p> <p>Cat No. PB-P8</p>	
	<p>Ten way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), Up (E-1), Down(E-2) Fast(E-1), Slow(E-1), Left(E-1), Right (E-1) element suitable for Pendent mounting</p> <p>Cat No. PB-P10</p>	
	<p>Twelve way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), Up (E-1), Down(E-2) Fast(E-1), Slow(E-1), Left(E-1), Right(E-1), On(E-1), Off (E-1) element suitable for Pendent mounting</p> <p>Cat No. PB-P12</p>	



PUSH BUTTON STATIONS

SELECTION TABLE

ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>Pendant Type Six way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) Reverse (E-1), Forward (E-1), ON (E-1), OFF(E-2) UP(E-1), DOWN(E-1) element suitable for pendant mounting</p> <p>Cat No. PB-P16</p>	
	<p>Eight way P.B. STATION having standard \varnothing 22.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1), Up (E-1), Down(E-2) Fast(E-1), Slow(E-1) element suitable for Pendant mounting</p> <p>Cat No. PB-P18</p>	
	<p>One way P.B.STATION having ST standard \varnothing 30.5 mm P.B. Actuator with 1NO+1NC element suitable for surface mounting</p> <p>Cat No. PB-1819</p>	
	<p>Canopy type One way P.B. STATION having ST standard \varnothing 30.5 mm P.B. Actuator with 1 NO+1NC element suitable for surface mounting</p> <p>Cat No. PB-1819C</p>	
	<p>Two type One way P.B. STATION having ST standard \varnothing 30.5 mm P.B. Actuator with 1 NO+1NC element suitable for surface mounting</p> <p>Cat No. PB-1829</p>	




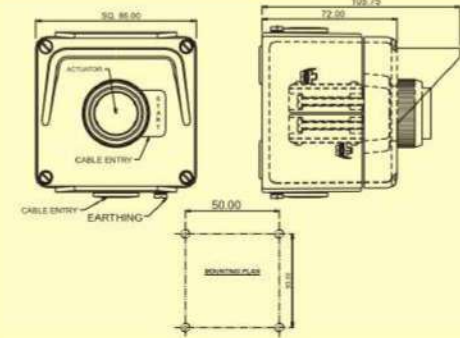

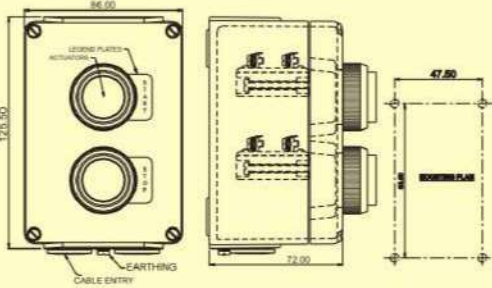

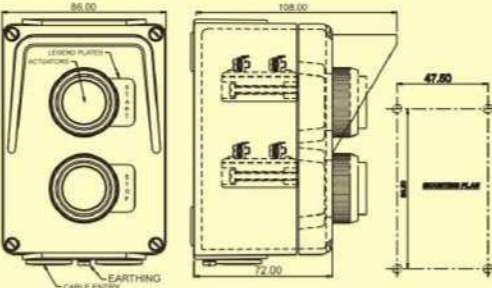

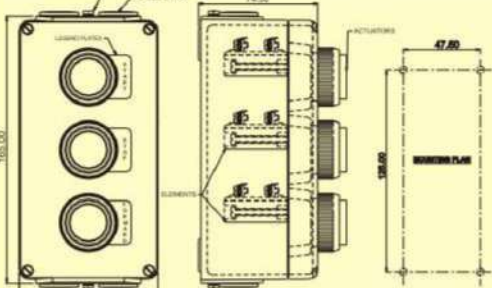
PUSH BUTTON STATIONS

SELECTION TABLE

ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>Canopy type Two type One way P.B. STATION having ST standard \varnothing 30.5 mm P.B. Actuator with 1NO+1NC element suitable for surface mounting</p> <p>Cat No. PB-1829C</p>	
	<p>Three type One way P. B. STATION having ST standard \varnothing 30.5 mm P.B. Actuator with 1 NO+1NC element suitable for surface mounting</p> <p>Cat No. PB-1839</p>	
	<p>Four way P.B. STATION having ST standard \varnothing 30.5 mm P.B. Actuator to start with 1 NO (E-1) and stop 1NC (E-2) reverse (E-1), forward (E-1) element suitable for surface mounting</p> <p>Cat No. PB-1849</p>	
	<p>One way P.B. STATION having SA series standard \varnothing30.5 mm P.B. Actuator to start with 1NO +1NC element suitable for surface mounting</p> <p>Cat No. PB-1919</p>	

PUSH BUTTON STATIONS


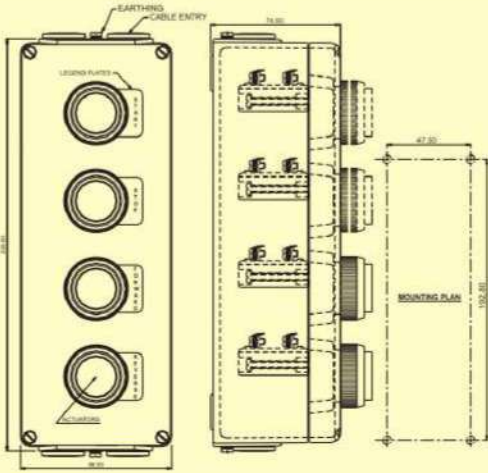
SELECTION TABLE

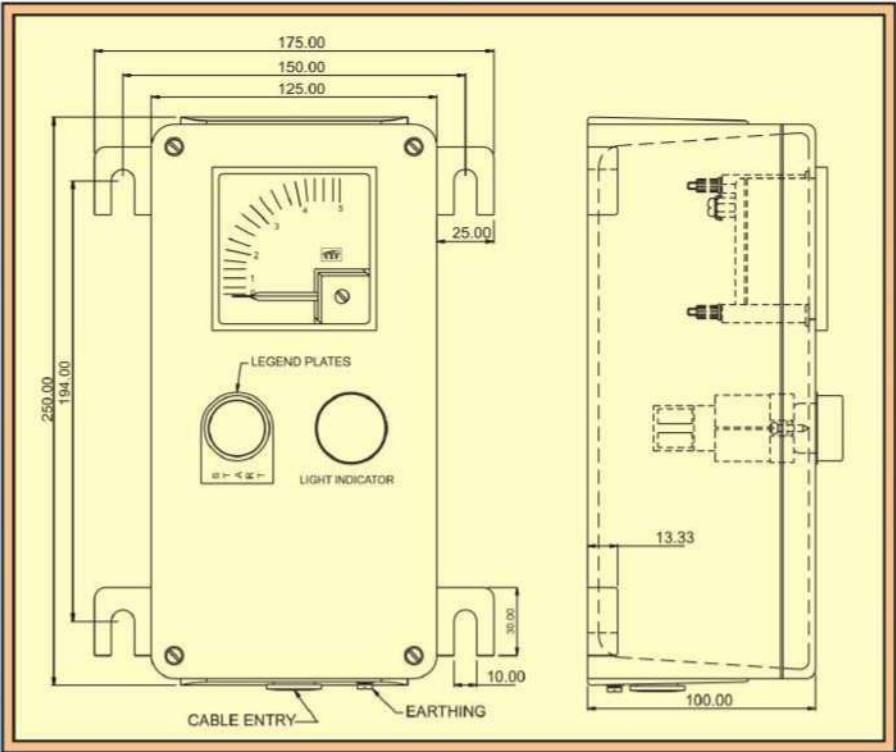
ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>Canopy type One way P.B. STATION having SA series standard \varnothing 30.5 mm P.B. Actuator for starting with 1 NO + 1NC element suitable for surface</p>	
<p>Cat No. PB-1919C</p>		
	<p>Two type One way P.B. STATION having SA standard \varnothing 30.5 mm P.B. Actuator to start with 1 NO+1NC and stop 1NO+1NC element suitable for surface mounting</p>	
<p>Cat No. PB-1929</p>		
	<p>Canopy type Two type One way P.B. STATION having SA standard \varnothing 30.5 mm P.B. Actuator to start with 1NO +1NC and stop 1NO+1NC element suitable for surface mounting</p>	
<p>Cat No. PB-1929C</p>		
	<p>Three type One way P.B. STATION having SA series standard \varnothing 30.5 mm P.B. Actuator to start with 1NO + 1NC, stop, reverse element suitable for surface mounting</p>	
<p>Cat No. PB-1939</p>		



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SELECTION TABLE

ILLUSTRATION	DESCRIPTION	DIMENSION
	<p>Four way P.B. STATION having SA series standard \varnothing 30.5 mm P.B. Actuator for starting with 1 NO+1NC and stop 1NO+1NC reverse 1 NO+1NC forward 1 NO+1NC element suitable for surface mounting</p> <p>Cat No. PB-1949</p>	

DESCRIPTION	DIMENSION
<p>Two Way P.B. Station having meter and indicating light with start Push Button Actuator or with stayput Actuator. Perfect arrangement for wiring inside the Enclosure.</p>	



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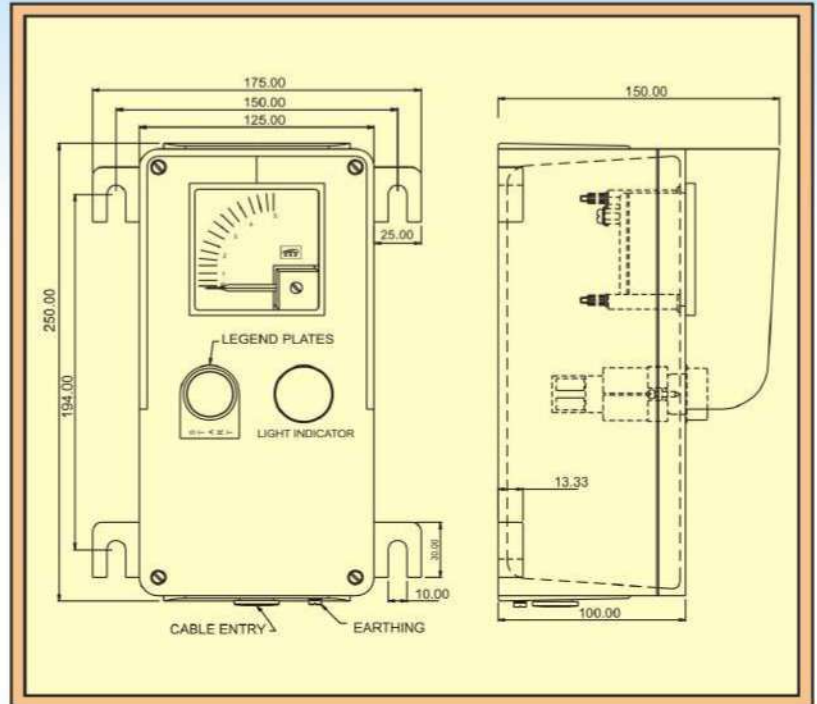
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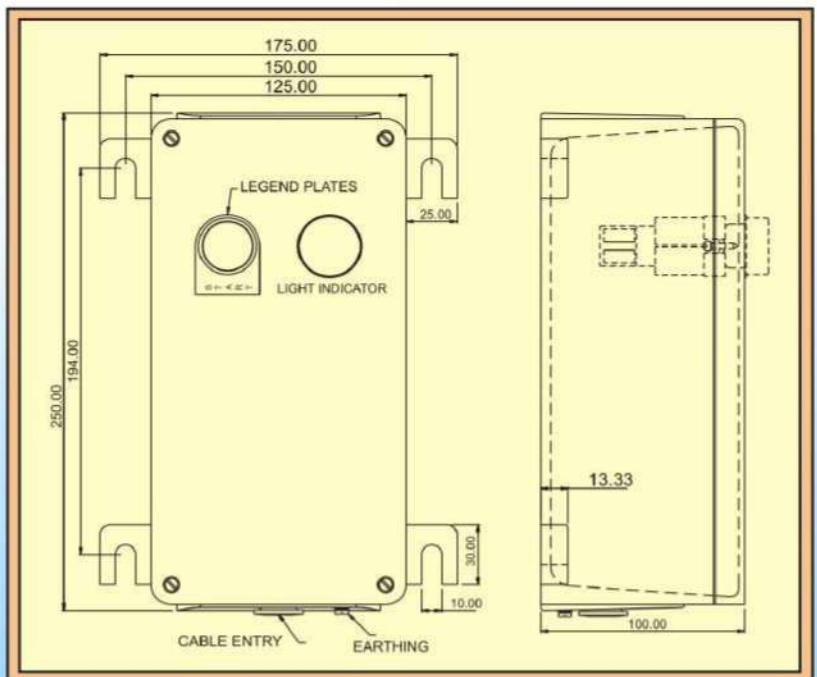


Two Way P.B. Station with appropriate canopy for rain protection having meter, indicating Light & P.B. Actuator, Perfect arrangement for wiring inside enclosure.

DIMENSION



DIMENSION



DESCRIPTION

Two way Cast aluminium enclosure Suitable for Push button & Indicating Light. Simple space Perfect arrangement for wiring inside of enclosure. Stayput or Selector Actuator may be provided as per requirements



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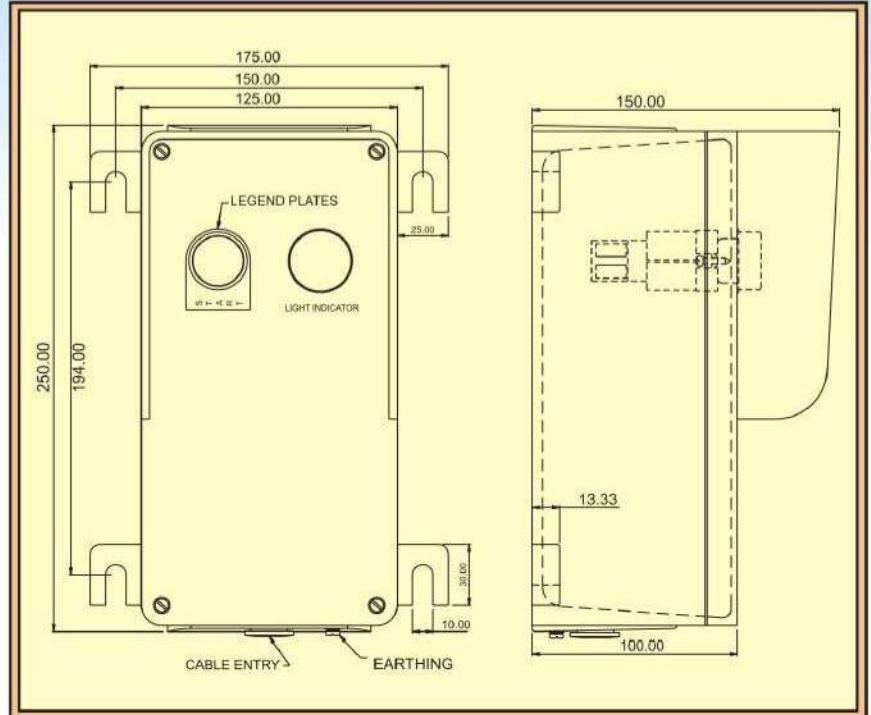
PUSH BUTTON STATIONS

SELECTION TABLE

DESCRIPTION

Canopy Type Two-way P.B. Station having P.B. Actuator & Indicating Light. Simple Space is provided inside enclosure for wiring stayput or Selector Actuator may be provided as per requirement.

DIMENSION



TECHNICAL DETAILS

a) I.S.S reference	: IS-13947-5-1, 1993	j) Degree of Protection	: IP-54, IP-65 as per IS 2147 1962
b) Housing	: Die-cast and cast Alluminium	k) Mounting	: Surface & Pendent Mounting.
c) Dielectric strength	: 2.5 K.V, 50 Hz for 1 minute b/w live parts and housing	l) Actuator cutout dia	: ϕ 22.5 mm & ϕ 30.5 mm
d) Insulation Resistance	: More than 100 Mohm	m) Element contact	: Ag Col & Ag Ni
e) Cable entry	: 3/4" or 19 mm	n) Contact arrangement	: 1 NO/1NC or 1NO + 1NC
f) Operating voltage	: 500 V.A.C, 50 Hz	o) Altitude	: < 3000 m
g) Operating current	: 6 Amp	p) Switching cycle	: 600 ϕ cycles/hr.
h) Terminal marking	: 1-2 for N/C, 3-4 for N/O	q) Mechanical life	: 1×10^6 make break operation
i) Temp range	: -20°C to + 65°C		

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