

CAM OPERATED ROTARY SWITCHES



[SINCE-1989]



**IS REF. IS-13947
PART -1/3/5 -1993**

GSTIN No. 09AAECS4924J1Z2



ISO 9001:2015
Certified



SHRI TULSI SWITCHGEAR PVT. LTD.

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CAM OPERATED ROTARY SWITCHES



STS Rotary Cam Switches have been designed specially to meet the requirements of day to day concept in switching technology demanding miniaturization and sophistication in control engineering. These are suitable for a new level of switching efficiency and elegant look. These are manufactured in accordance to the innovative engineering practice. Rotary cam Switches are assembled on packet principle. Packets are manufactured from selected insulating material which can withstand mechanical and electrical stresses. Each packet houses two independent sets of double break type silver tipped contacts which ensure effective making and breaking, giving long and trouble free services. Various cams are used depending upon contacts sequence for making and breaking which is achieved by operating the knob.

DESIGN :-

STS cam operated rotary switches are assembled on packet principle, switches are manufactured from selected industrial insulating material having perfect electrical properties. Each packet houses independent sets of silver tipped contacts. Cams are used depend upon the making and breaking style. Switches are designed to suit the application of Ammeters, Voltmeter Selector Switches and as Phase Sequence Changer.

APPLICATION :-

STS cam operated switches can be used as following applications.

- | | | |
|---------------------|----------------------|---------------------|
| a. Main Switches | b. Motor Switches | c. Safety Switches |
| d. Control Switches | e. Selector Switches | f. Turn-On Switches |

MOUNTING :-

STS cam operated switches are suitable for flush mounting at the back of the unit.

TECHNICAL DETAIL :-

- | | |
|-----------------------------|---|
| a. Mechanical Life | :- 1 Million Switching Operation. |
| b. Switching Cycle | :- @300 Operation/ Hr. |
| c. Temperature Range | :- -25° c to 55° c |
| d. Rated Voltage | :- 415VAC, 240 V DC |
| e. Size | :- Compact in Size & Easy in handling. |
| f. Rotary Angle | :- 30°, 45°, 60° & 90° |
| g. Positions | :- Upto 12 positions [Assembled ON-ADD-ON System] |
| h. Insulation | :- Glass Filled polyamide |
| g. Conformance to standards | :- IS 13947-1-3-5 1993 |

ADVANTAGE:-

- | | | |
|---------------------------------|-------------------------|----------------|
| a. International Compact Design | b. No Arcing | c. Unbreakable |
| d. Double Break Mechanism | e. Pad Locking Facility | |

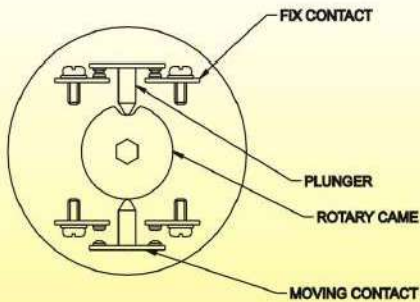
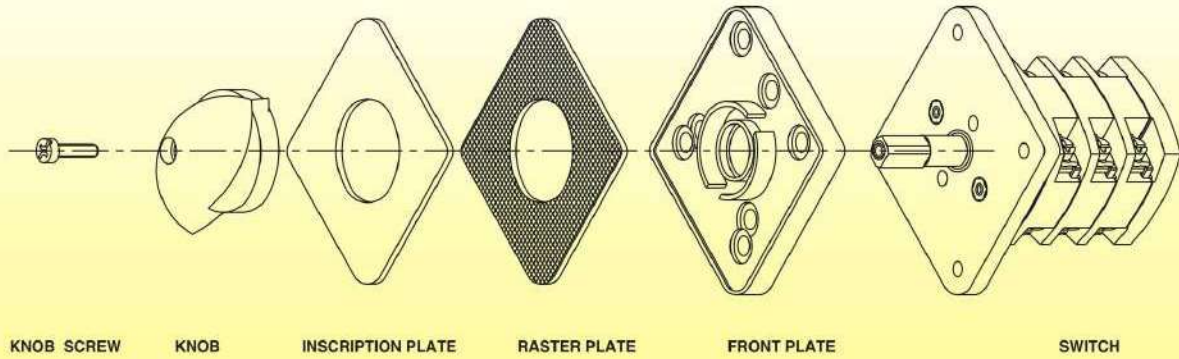


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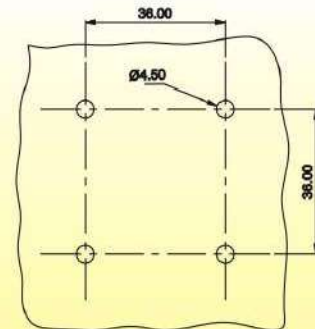


6 - 10 Amps.

PANEL MOUNTING DETAILS



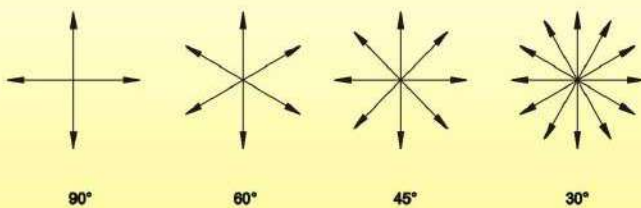
CONTACT DETAIL NO & NC



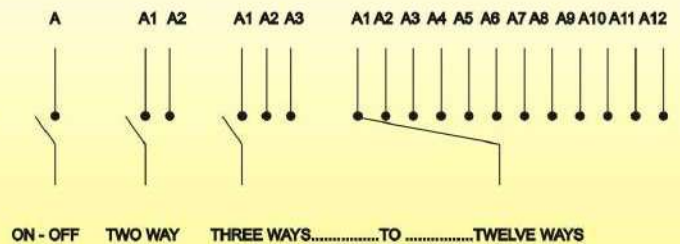
PANEL DRILLING PLAN

6 - 10 Amps.

SWITCHING ANGLES



SCHEMATIC DIAGRAM (SINGLE POLE)





CAM OPERATED ROTARY SWITCHES



DIMENSIONAL DETAILS

Dimensions in mm	Switch Description	Photo
	<p>OFF BR • RY YB</p> <p>ST 312</p>	<p>Voltmeter Selector Switch</p>
	<p>OFF B • R Y</p> <p>ST 325</p>	<p>Ammeter Selector Switch</p>
	<p>1 OFF 2</p> <p>ST 025</p>	<p>Two Way with OFF</p>
	<p>OFF FORWARD • REVERSE</p> <p>ST 211</p>	<p>Forward -OFF-Reverse</p>

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