

SAJS Series – Snap Action Switches

Applications

- Kitchen Appliances
- Vacuum Cleaners
- Print and Process equipment
- Low voltage applications

Features

- Sealed to IP67
- Conforms to IP67
- Various termination styles
- Highly reliable with long operating life.



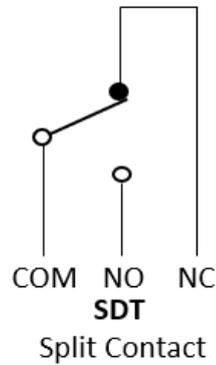
TE Connectivity SAJS Series of Snap Action Switches offer flexibility through various combinations of terminal styles. These switches are designed to convert a mechanical action in an electrical one. This makes them very suitable for applications such as Home Appliances and Factory Automation as well as other domestic and industrial uses.

TE's Snap Action Switches are dimensionally identical with other popular brands, making them extremely suitable for use in existing designs. They are available with various contact styles to aid flexibility

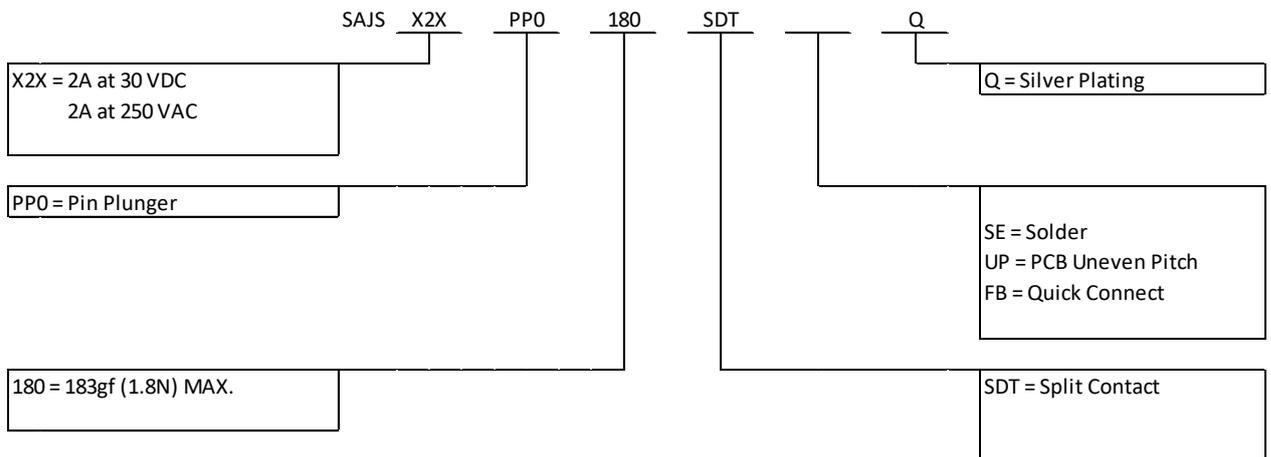
Specifications

| | |
|-----------------------|---|
| Contact Rating | 2A at 250V/ 30 AC |
| Mechanical Durability | 1,000,000 cycles min |
| Electrical Durability | 50,000 cycles min. |
| Contact Resistance | 50mΩ max. |
| Insulation Resistance | 100MΩ min. (500 VDC) |
| Dielectric Strength | Between terminals of the same polarity: 1000 V AC (50Hz or 60Hz) for 1 minute |
| | Between current-carrying metal parts and ground 1,500VAC, 50/60 Hz for 1 minute |
| | Between each terminal and non-current-carrying metal part 1,500VAC, 50/60Hz for 1 minute |
| Operating Temperature | -40°C ~ +85°C |

Circuit

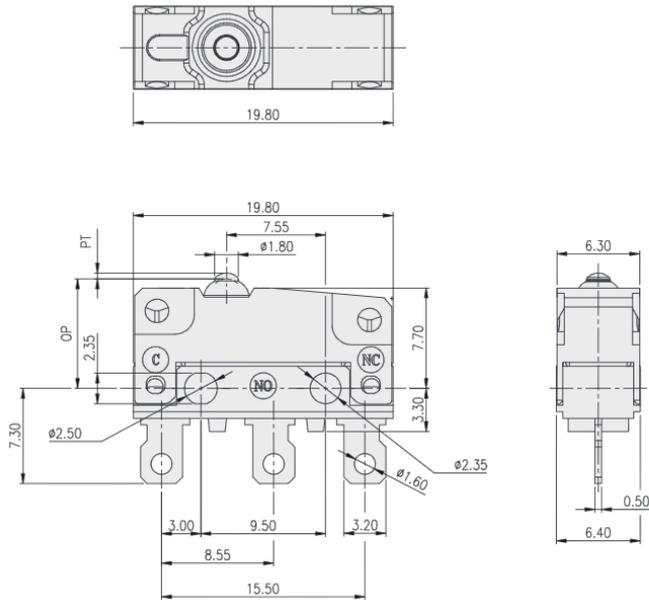


How to Order



Mechanical Measurements

TE Smart Part Number: SAJSX2XPP0180SDTSEQ



OPERATING CHARACTERISTICS

| ITEM | SPEC. |
|---------------------------|--------------------|
| OPERATING FORCE(OF) | 18.3gf (1.8N) MAX. |
| RELEASE FORCE(RF) | 20gf (0.2N) MIN. |
| PRETRAVEL(PT) | 0.6mm MAX. |
| OVERTRAVEL(OT) | 0.4mm MIN. |
| MOVEMENT DIFFERENTIAL(MD) | 0.15mm MAX. |
| OPERATING POSITION(OP) | 8.4±0.3mm |